User Manual

4WARDER / Carrier's Guide

(Tracking & Tracing)

© 2007, JERICH Austria GmbH

(meeting AVERY DENNISON standards)

Contents

Introduction (Accessing 4WARDER) ..... Fehler! Textmarke nicht definiert.

Jerich Certificate 4
CITRIX Metaframe Presentation Server (Web Interface) 6
Log in 6
Applications 6
Control Center 7

Working with 4WARDER **8**

Short-term Transports 9
Your own Planning Area (Dispo) 9
Finish & Close MOT 10
Route 11
Overview 11
Cut, Copy & Paste one Order 11
Pallet(s) 11
Take Over 12
Details 12
Move & Delete one or more orders 12
Store & Undo Store 12
Drop Point & Customer Address 12
Search for an Order 13
Column Header Buttons 13
Manual Transport Entry 13
Enter a Truck 13
Assign an Order 14
Order Book 17
Filter Definition (Find & Last Filter) 18
First Filter Criterion (Departure Period) 18
Additional Filter Criteria 18
Detail Filter 18
Search Criteria 19
Appropriate Sorting 19
Planning & Shipment Status 19
Carrier Order Confirmation 19
Route, Take Over 19

Tracking & Tracing **20**

Events 20
Avery Dennison Events 20
Plan and Actual Arrival (organizational), Actual Departure (measurable) 21
Plan and required Delivery (organizational), Actual Delivery (measurable) 21
Avery Dennison POD Reporting 21
Status Indicators 22
O (on time) 22
V (vis major) 22
L (late) 22
LP (late production) 23
M (missing) 23
Registration Options 23
Shipment Status (4WARDER) 23
Search Criteria 23

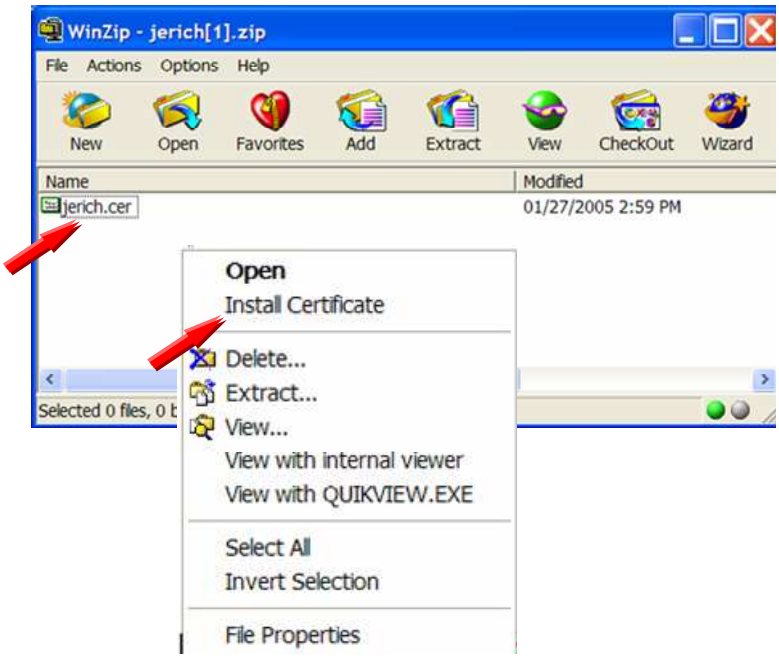
Truck Level (MOTs) 24
CMR / BOL Level (BOLs) 24
Weightlist Level (WLs) 25
Event History (STATUS block) 25
Carrier's Page (WEB) 25
Using the Carrier's Page 27
Authorization within the MOT (Truck) Scope 27
MOT (Truck) based Events 30
Order based Events 30
Interactive Voice Response (IVR) 30
Prerequisites 31
The Dial Schema 31
Filetransfer (FTP/SCP) 32
papiNet Shipment Status V2.31 32
Avery Dennison Standard Description 32
Sample of Shipment Status (XML) 33
Appendix: Oracle FORMS Standardtransactions 35

Introduction (Accessing 4WARDER)

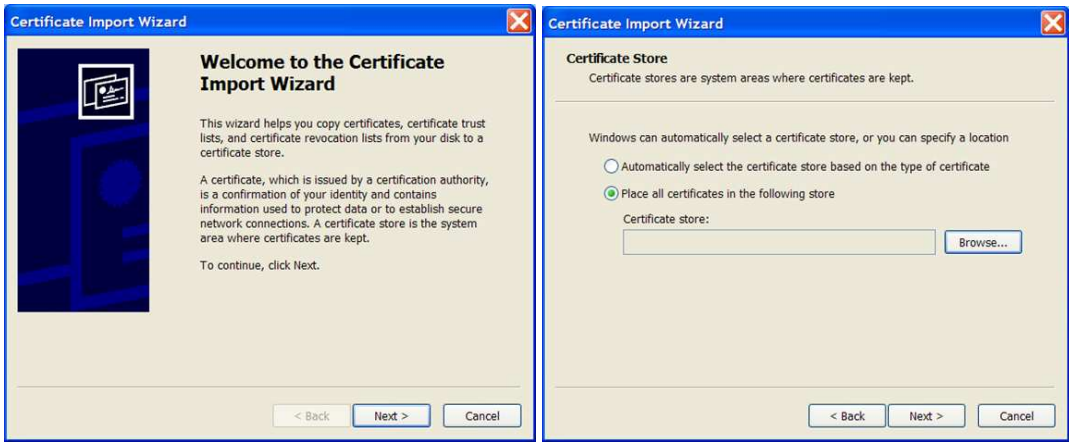
You need a PC and Internet Explorer already installed. In addition you will get a certificate from Jerich to be installed on your computer.

Jerich Certificate

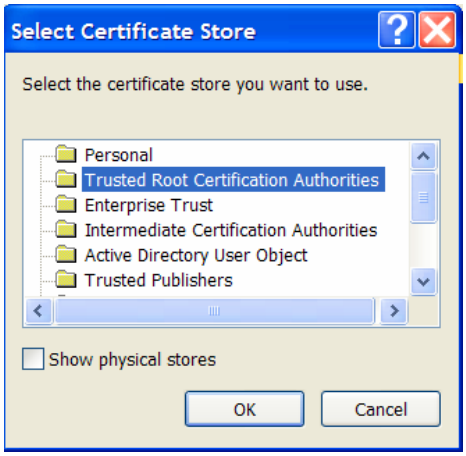
Usually you'll get an e-mail including a Jerich certificate and an installation guide. Here are the steps to install the certificate.



From within the e-mail you'll got an attached zip-file. Double click it for opening and do a right mouse click on **jerich.cer** and select **Install Certificate**

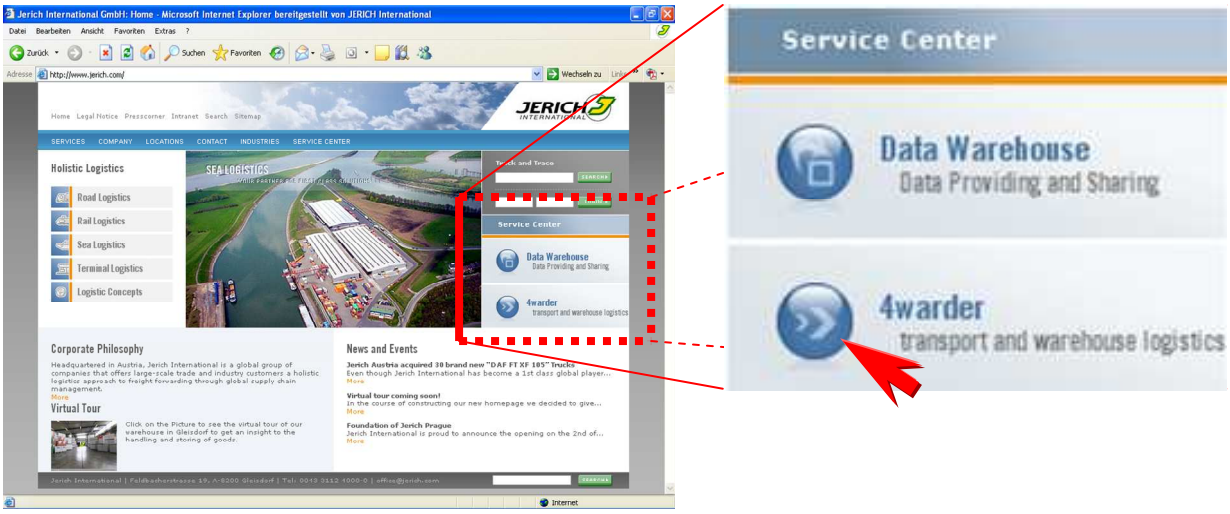

Certificate Import Wizard
Welcome to the Certificate Import Wizard
This wizard helps you copy certificates, certificate trust lists, and certificate revocation lists from your disk to a certificate store.
A certificate, which is issued by a certification authority, is a confirmation of your identity and contains information used to protect data or to establish secure network connections. A certificate store is the system area where certificates are kept.
To continue, click Next.
< Back
Next >
Cancel
Certificate Import Wizard
Certificate Store
Certificate stores are system areas where certificates are kept.
Windows can automatically select a certificate store, or you can specify a location
Automatically select the certificate store based on the type of certificate
Place all certificates in the following store
Certificate store:
Browse...
< Back
Next >
Cancel

Press **Next>** and **Browse…** to select a Certificate Store



Select **Trusted Root Certification Authorities** and press **OK**

Fig. 1 JERICH Homepage, follow the 4warder link…



Open the JERICH Homepage www.jerich.com, navigate to Service Center and select **4warder** (transport and warehouse logistics).

Home Legal Notice Presscorner Intranet Search Sitemap
SERVICES COMPANY LOCATIONS CONTACT INDUSTRIES SERVICE CENTER
Home » Service Center » 4Warder
Data Warehouse
4Warder
4Warder
Citrix USA
Citrix Europe
Carrier´s Page
- Enter your delivery (POD) date/time information
- for further information see chapter Carrier´s Page in
Carrier´s Guide

On the next page select ***4warder*** / ***Citrix Europe***, the scope of your business.

The CITRIX Metaframe Presentation Server window comes up, the Web interface to Jerich's transport and warehouse logistics applications.

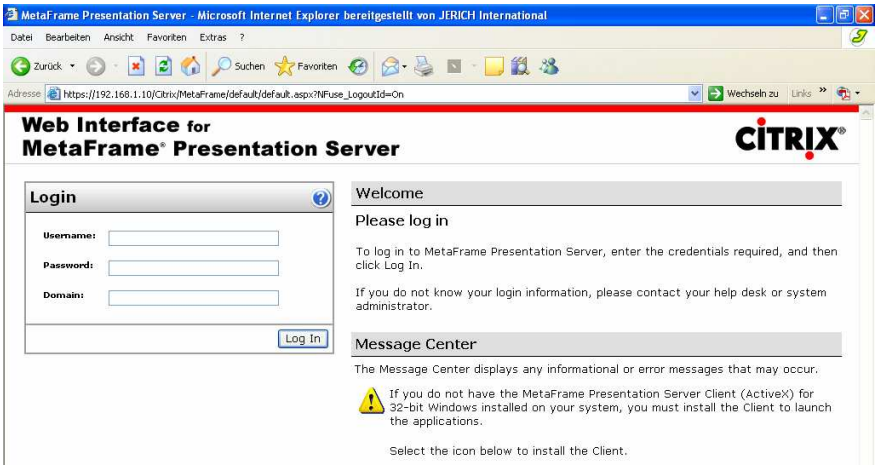
CITRIX Metaframe Presentation Server (Web Interface)

You first have to log in to the Presentation Server to get access to Jerich's 4WARDER Control Center application, from where you can open 4WARDER and use your optional predefined reports.

Log in

Each Carrier will be provided with an own username and password using Domain = ***jerich***.

Fig. 2 CITRIX Metaframe Presentation Sever Login…


MetaFrame Presentation Server - Microsoft Internet Explorer bereitgestellt von JERICH International
Datei Bearbeiten Ansicht Favoriten Extras ?
Zurück Suchen Favoriten
Adresse https://192.168.1.10/Citrix/MetaFrame/default/default.aspx?NFuse_LogoutId=On
Wechseln zu Links
Web Interface for MetaFrame Presentation Server
CITRIX
Login
Username:
Password:
Domain:
Log In
Welcome
Please log in
To log in to MetaFrame Presentation Server, enter the credentials required, and then click Log In.
If you do not know your login information, please contact your help desk or system administrator.
Message Center
The Message Center displays any informational or error messages that may occur.
If you do not have the MetaFrame Presentation Server Client (ActiveX) for 32-bit Windows installed on your system, you must install the Client to launch the applications.
Select the icon below to install the Client.

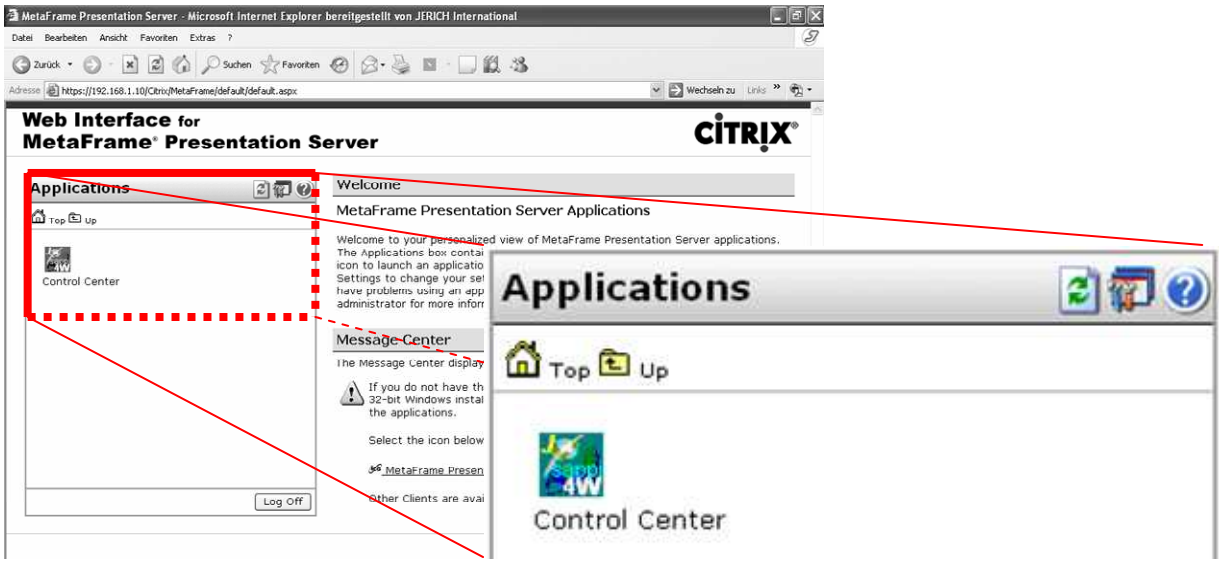
Enter your assigned Username, Password, Domain = ***jerich*** and press **Log in**.

Applications

After you successfully logged on to the Presentation Server, you'll find one published application, the 4WARDER Control Center.

- **REMARK**
  From now on you are working with a concurrent user license, so if you do not longer need the Control Center, please end your CITRIX Metaframe Presentation Server session using Log off or closing the window to hand over your license to another user!

Fig. 3 Available Applications…

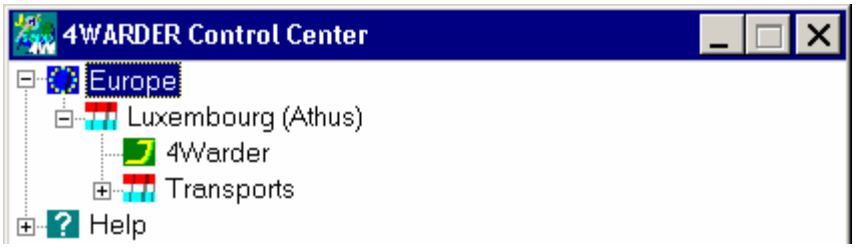


Navigate to the Control Center icon and click once with the left mouse button to open the 4WARDER Control Center application.

Control Center

The Control Center gives you access to the 4WARDER application itself, to optional predefined reports and help files.

Fig. 4 Control Center…



You may navigate through the topical textured control tree, starting 4WARDER or optional reports. Use your mouse or the arrow keys to navigate through the control tree, double-click a tree item or select an item and press **Enter**.

Working with 4WARDER

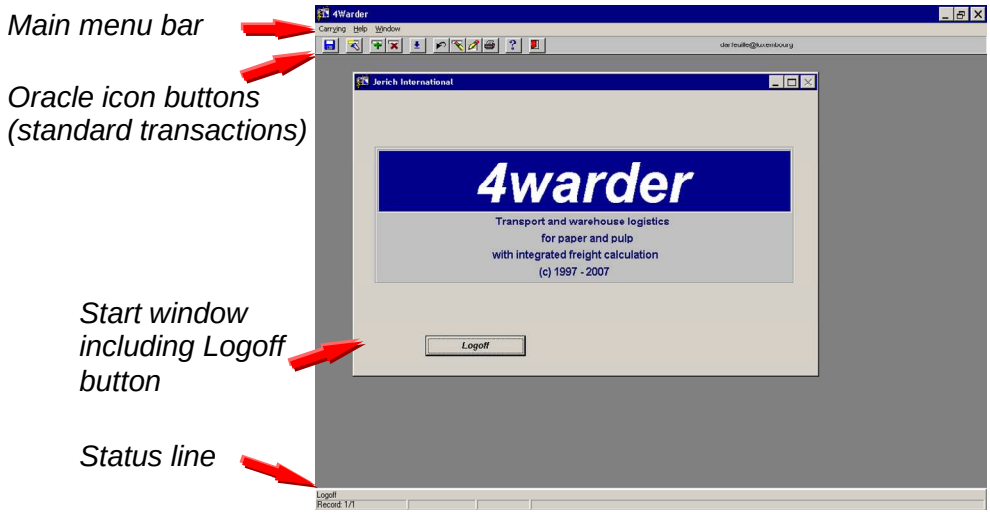
After clicking the "Web 4Warder" link you will be presented the login screen. For troubleshooting, please thoroughly consider page **Fehler! Textmarke nicht definiert.**, section „**Fehler! Verweisquelle konnte nicht gefunden werden.**".

Please enter the username, password and database credentials as provided by Jerich.

Fig. 5 Login Screen…

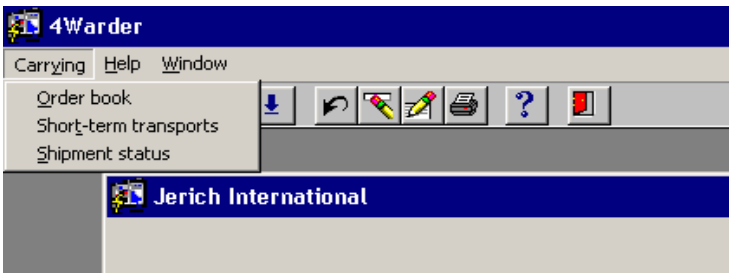
The 4Warder main window will be opened after you logged on to the system.

Fig. 6 4WARDER Window



In the 4Warder main window there is a main menu bar (Carrying, Help and Window), the Oracle standard transaction icon buttons, the start screen 4Warder where you can log off after you finished your work and at the bottom of the window the status line, where you can see information messages, warnings, error messages and hints about the current record position and availability of LOV (list of values).

Fig. 7 Main Menu Entry Carrying

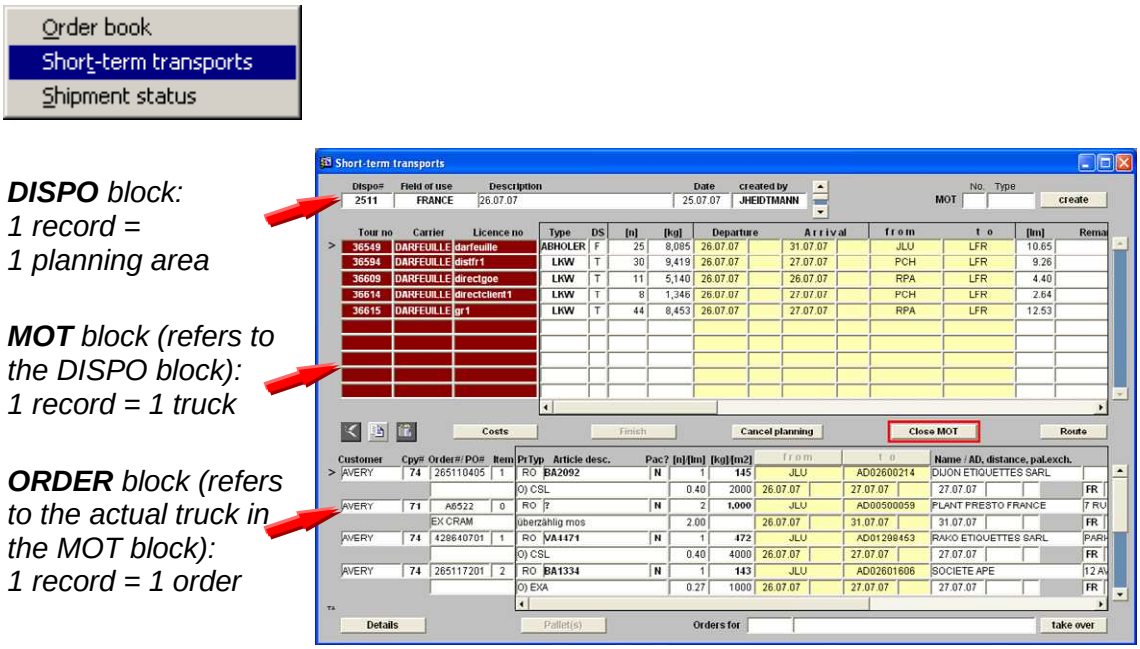


The main menu entry Carrying contains the Order book (overview of shipments), short-term transports (planning) and Shipment status (tracking & tracing, POD).

Short-term Transports

Short-term Transports is the main operating screen for the daily shipments, where you can check your data imported by EDI, Loading Confirmations (EDI Weightlists) from Avery Dennison, verify your transports and insert shipments by hand.

Fig. 8 Carrying / Short-term transports

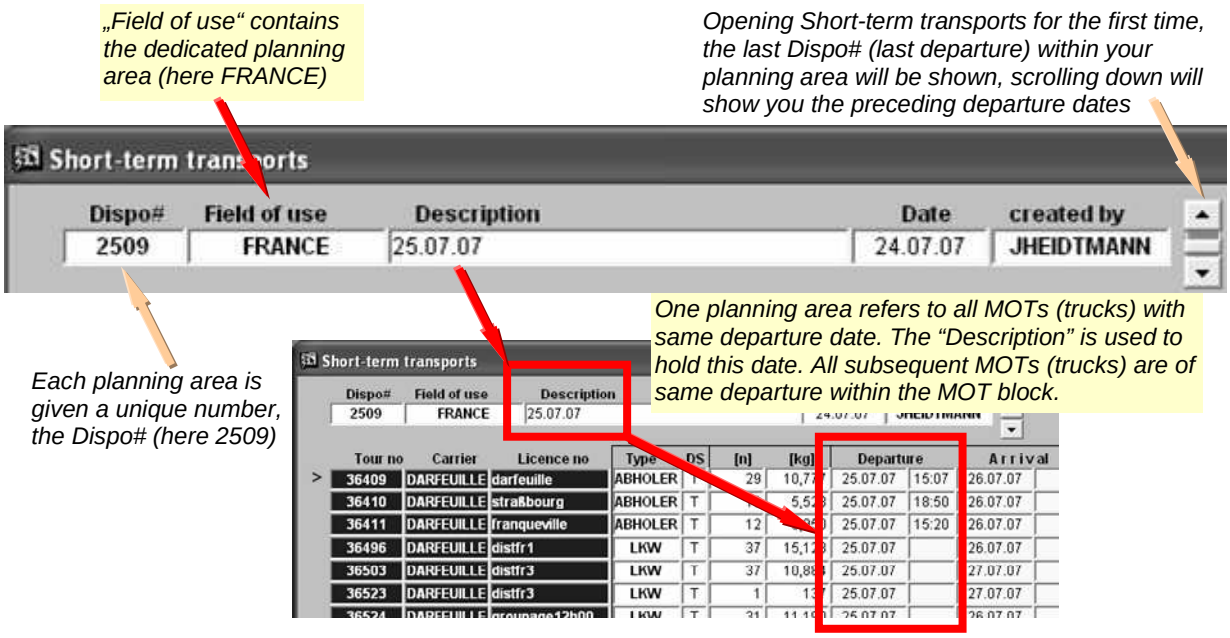


The Short-term transports window is divided into 3 data blocks, on top the DISPO block (planning area), the MOT (truck) block containing all transports within a planning area and finally the ORDER block for all orders planned in a truck. Around the blocks there are specific function keys to maintain and confirm your shipments.

Your own Planning Area (Dispo)

Since you logged on to the system, you are working within an own planning area. The name of the planning area depends on your business.

Fig. 9 The Carrier's Planning Area


„Field of use" contains the dedicated planning area (here FRANCE)
Opening Short-term transports for the first time, the last Dispo# (last departure) within your planning area will be shown, scrolling down will show you the preceding departure dates
Short-term transports
Dispo# Field of use Description Date created by
2509 FRANCE 25.07.07 24.07.07 JHEIDTMANN
Each planning area is given a unique number, the Dispo# (here 2509)
One planning area refers to all MOTs (trucks) with same departure date. The "Description" is used to hold this date. All subsequent MOTs (trucks) are of same departure within the MOT block.
Tour no Carrier Licence no Type DS [n] [kg] Departure Arrival
36409 DARFEUILLE darfeuille ABHOLER 29 25.07.07 15:07 26.07.07
36410 DARFEUILLE straßbourg ABHOLER T 25.07.07 18:50 26.07.07
36411 DARFEUILLE franqueville ABHOLER T 12 25.07.07 15:20 26.07.07
36496 DARFEUILLE distfr1 LKW T 37 25.07.07 26.07.07
36503 DARFEUILLE distfr3 LKW T 37 25.07.07 27.07.07
36523 DARFEUILLE distfr3 LKW T 1 25.07.07 27.07.07

Usually you do not have to take care of the "Description" field in a Dispo, but you should know, that this date will be given automatically receiving the EDI messages from Avery Dennison or is given by Athus (here Jens Heidtmann from Athus entered this Dispo one day before departure 24.07.2007). Whenever you need to create a new Dispo, use DD.MM.YY in the "Description" field to indicate all Trucks with same departure will be collected in this Dispo.

You can create a new Dispo pressing **F6** , the fields become empty and you enter your planning area (here FRANCE) and a date in the date format DD.MM.YY (here 31.07.07), means, all trucks with departure date 31.07.07 will be collected in this Dispo..

Pressing **F10** gives you a Dispo# (assigned by the system) and saves your work.

Now you can start creating trucks and orders within this new Dispo.

Finish & Close MOT

Column DS in the MOT block shows the actual planning status, the Dispo Status DS. There are 3 status codes which indicates the planning steps. D = in Dispo (the truck is currently in process), F = Finished (planning is done and the truck may be loaded) and T = Transported (truck already departed). The planning status left after EDI import depends on your business. The table below shows you how to do to change from one status to the other.

	Button	Remark
D > F	**Finish**	
F > D	**Cancel planning**	
F > T	**Close MOT**	
[T > F]	**[Close MOT]**	If allowed (usually you do not have permission to do so), you'll be prompted to confirm the reopening of your MOT. If you say ***Yes***,

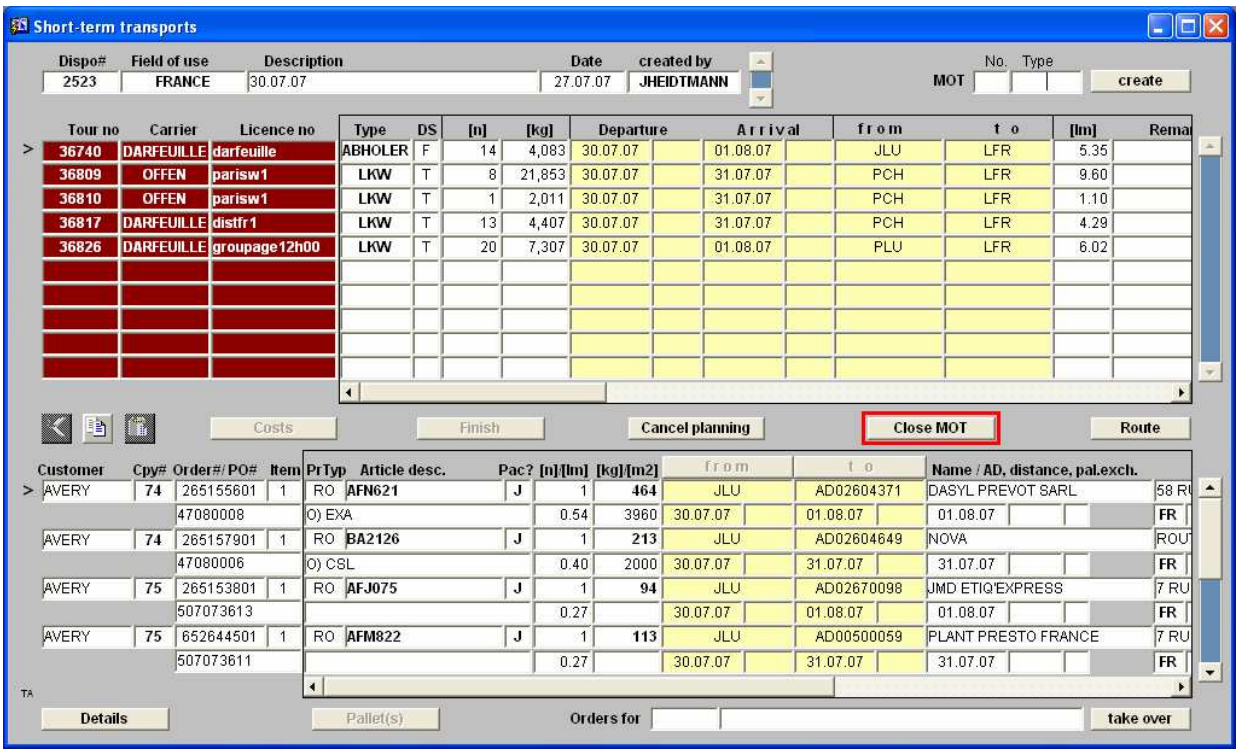
	the MOT will be reopened and you can continue to cancel the planning (see **F > D**).

Route

The Map & Guide route server © MAP&GUIDE GmbH is connected to 4Warder in calculating distances to check your routing. Pressing ***Route*** will give you a distance positioning of your stops.

Overview

Fig. 10 Carrying / Short-term transports / Overview


Short-term transports
Dispo# 2523
Field of use FRANCE
Description 30.07.07
Date 27.07.07
created by JHEIDTMANN
MOT
No.
Type
create
Tour no Carrier Licence no Type DS [n] [kg] Departure Arrival from to [lm] Rema
36740 DARFEUILLE darfeuille ABHOLER F 14 4,083 30.07.07 01.08.07 JLU LFR 5.35
36809 OFFEN parisw1 LKW T 8 21,853 30.07.07 31.07.07 PCH LFR 9.60
36810 OFFEN parisw1 LKW T 1 2,011 30.07.07 31.07.07 PCH LFR 1.10
36817 DARFEUILLE distfr1 LKW T 13 4,407 30.07.07 31.07.07 PCH LFR 4.29
36826 DARFEUILLE groupage12h00 LKW T 20 7,307 30.07.07 01.08.07 PLU LFR 6.02
Costs
Finish
Cancel planning
Close MOT
Route
Customer Cpy# Order#/ PO# Item PrTyp Article desc. Pac? [n]/[lm] [kg]/[m2] from to Name / AD, distance, pal.exch.
AVERY 74 265155601 1 RO AFN621 J 1 464 JLU AD02604371 DASYL PREVOT SARL
47080008 O) EXA 0.54 3960 30.07.07 01.08.07 01.08.07 FR
AVERY 74 265157901 1 RO BA2126 J 1 213 JLU AD02604649 NOVA
47080006 O) CSL 0.40 2000 30.07.07 31.07.07 31.07.07 FR
AVERY 75 265153801 1 RO AFJ075 J 1 94 JLU AD02670098 JMD ETIQ'EXPRESS
507073613 0.27 30.07.07 01.08.07 01.08.07 FR
AVERY 75 652644501 1 RO AFM822 J 1 113 JLU AD00500059 PLANT PRESTO FRANCE
507073611 0.27 30.07.07 31.07.07 31.07.07 FR
Details
Pallet(s)
Orders for
take over

Opening Short-term transports for the first time, the screen is in Overview mode, means, more transports (trucks) in the MOT block and for each MOT up to 4 orders at the same time in the scrollable ORDER block. In this mode rough planning or data entry will be done. Pressing ***Details*** will show you another view, the Details view, which is a view with one single MOT at a time but many orders (one order per line) in the ORDER block (see later in this chapter).

Cut, Copy & Paste one Order

Usually for manually entered orders (see column Pac? = N) you may use the Cut, Copy and Paste buttons for orders to be cut/copied from one truck to another. This is useful to input many orders and trucks in using a copy from an existing order in modifying only a few data. But you only can cut/copy one single order at a time and the MOTs (trucks) must have status D (in Dispo). For moving many orders at the same time from one truck to another truck, see the Details view, function ***move***).

Pallet(s)

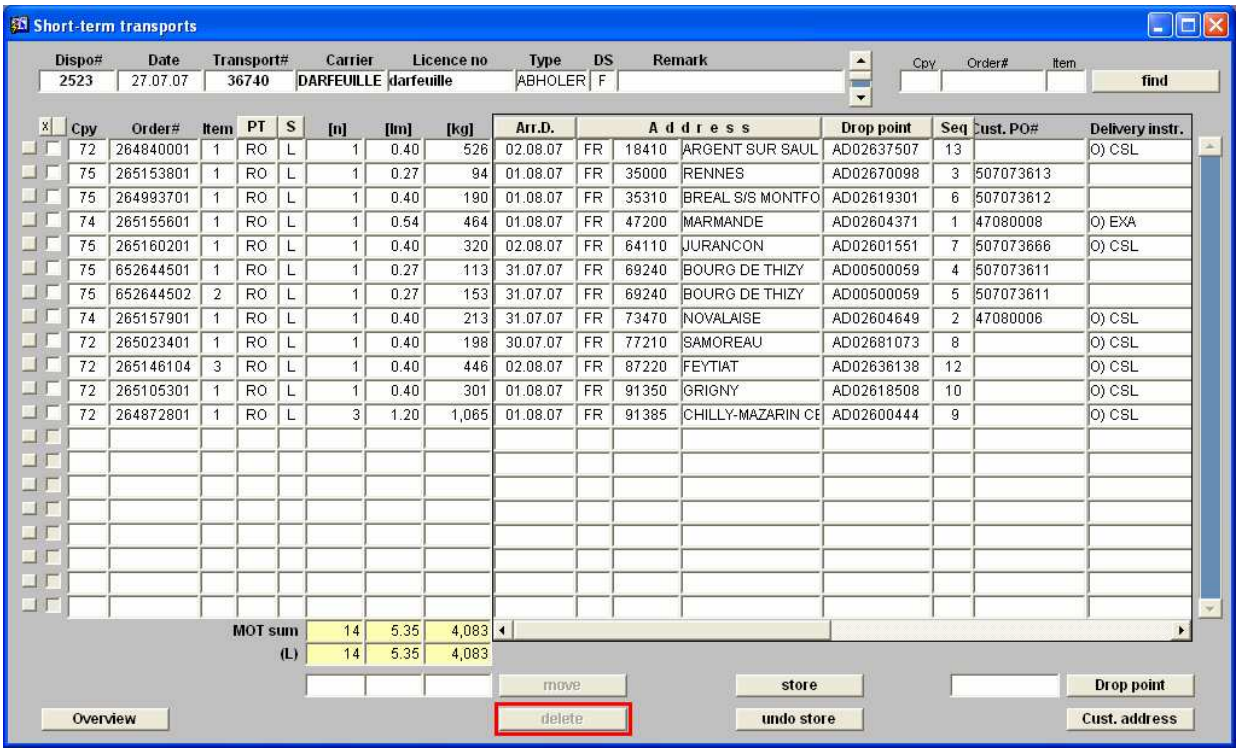
The Pallet(s) screen gives you the ability to define physical package(s) after you entered an order by hand (see column Pac? = N). Pressing ***Pallet(s)*** the pallet window comes up and you may define physical packages by entering weights and dimensions. Achieving Tracking & Tracing and Invoicing, the package level is not required. So, if you have entered an order by hand, there is no need to define physical packages. The lowest level for Tracking & Tracing and Invoicing is the order level.

Take Over

With ***Take Over*** we can provide you with special functions for your own use. This is for future use.

Details

Fig. 11 Carrying / Short-term transports / Details view



Pressing ***Details*** from the Overview mode will give you another view of data, one Truck in the scrollable MOT block and many order lines in the ORDER block. Pressing ***Overview*** will put you back to the Overview mode. You may switch between these views as you like.

Move & Delete one or more orders

Press ***move*** to move one or more selected orders from one truck to another. Press ***delete*** if you want to delete one ore more selected orders from a truck. The functions are only available for MOTs (trucks) with status D (in Dispo).

Store & Undo Store

Prssing ***store***, a date/time stamp is set at the package level indicating a goods receipt. Using ***undo store*** puts back the date/time stamp. These functions are useful for warehouse scenarios just like Athus.

Drop Point & Customer Address

If you have orders you want to carry to another warehouse or x-docking location, enter the code for this node (LOV supported) and press ***Drop point***. The address of the drop point will become the new delivery address and the final destination is stored in a second set of address fields for further distribution. ***Customer Address*** will undo this change and the final destination will be recalled to the actual delivery address.

Search for an Order

Enter an Avery Dennison order number and optionally a known item number (the last 3 digits will be split up in 4Warder and saved in the item field), press ***Search*** and the MOT (truck) where the requested order is loaded, will be shown. A message in the status line will indicate a not found order.

Column Header Buttons

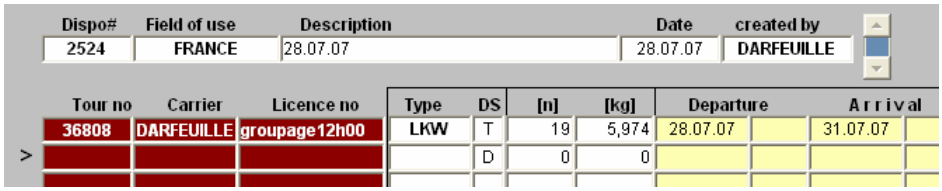
Some column headers in the order block are designed as buttons. Pressing such a button will sort the records in an appropriate order.

Manual Transport Entry

Usually your data will be imported using the EDI interface with Avery Dennison. Sometimes you do not have data for special shipments like b-cores or racks or orders are missing you already delivered. In these cases you have to enter the orders by hand. The next sections will guide you through the 2 steps, enter a truck (MOT = mean of transports) and enter an order with reference to the truck. You'll see that you only can enter an order if you have a truck, an existing truck (which should be the currently selected truck) or a new one.

Enter a Truck

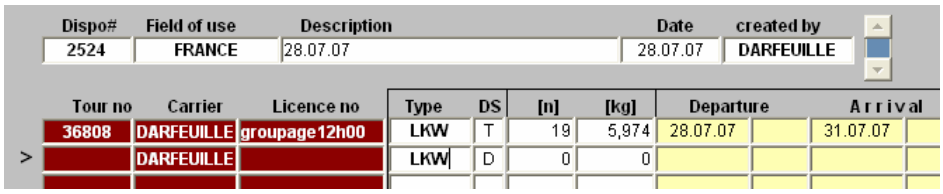
Navigate to an existing Dispo# (or find a Dispo# using **F7** , enter a date for Description in format DD.MM.YY and press **F8**) or enter a new one (see Your Own Planning Area).



Dispo#	Field of use	Description	Date	created by
2524	FRANCE	28.07.07	28.07.07	DARFEUILLE

	Tour no	Carrier	Licence no	Type	DS	[n]	[kg]	Departure		Arrival	
	36808	DARFEUILLE	groupage12h00	LKW	T	19	5,974	28.07.07		31.07.07	
>					D	0	0				

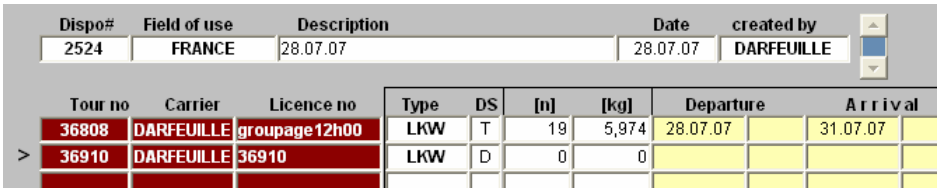
Move the cursor to a new line (here the 2nd line) or press **F6** (insert record). DS = D and [n] the count of packages = 0, [kg] weight = 0 will be filled.



Dispo#	Field of use	Description	Date	created by
2524	FRANCE	28.07.07	28.07.07	DARFEUILLE

	Tour no	Carrier	Licence no	Type	DS	[n]	[kg]	Departure		Arrival	
	36808	DARFEUILLE	groupage12h00	LKW	T	19	5,974	28.07.07		31.07.07	
>		DARFEUILLE		LKW	D	0	0				

Enter your carrier code (here DARFEUILLE) and the MOT type (usually LKW, the German term for truck). That's all you need to enter in inserting a new truck. Additionally you may enter a license number by your own.



Dispo#	Field of use	Description	Date	created by
2524	FRANCE	28.07.07	28.07.07	DARFEUILLE

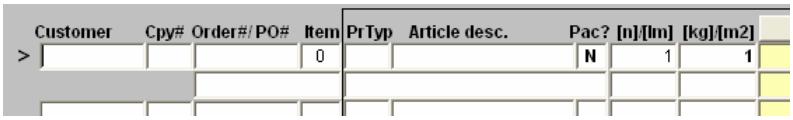
	Tour no	Carrier	Licence no	Type	DS	[n]	[kg]	Departure		Arrival	
	36808	DARFEUILLE	groupage12h00	LKW	T	19	5,974	28.07.07		31.07.07	
>	36910	DARFEUILLE	36910	LKW	D	0	0				

Pressing **F10** , the record will be saved (accepted) and you'll get back a unique number for the transport, the Tour no. If you didn't enter a license no, it will be defaulted to the Tour no. Now you have entered a new truck and you can continue to enter the first order assigned to this truck.

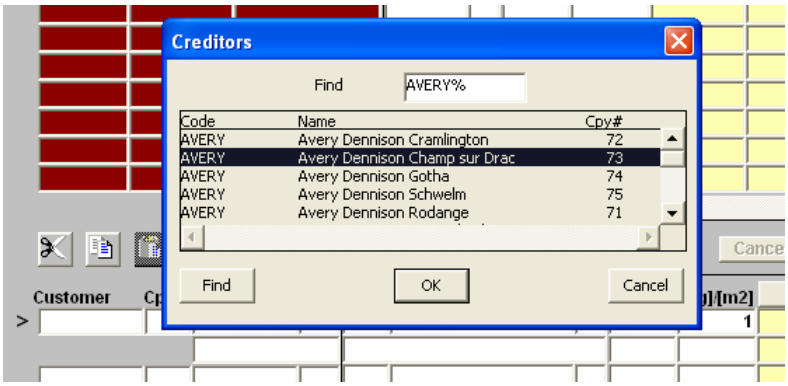
Assign an Order

The ⇆ key (tabulator) **is the road to success !**

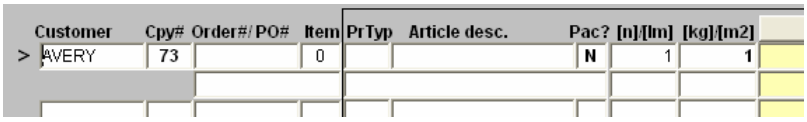
Entering a new record for an order has to be done in a predefined sequence. The system checks your entered values immediately and makes cross-checking, so the sequence in entering data is important and you should not move the cursor in an arbitrary manner during data input, this may lead to an unhandled exception. So, follow the ⇆ key after you placed the cursor in a new line of the order block or pressed **F6** to insert a new record.



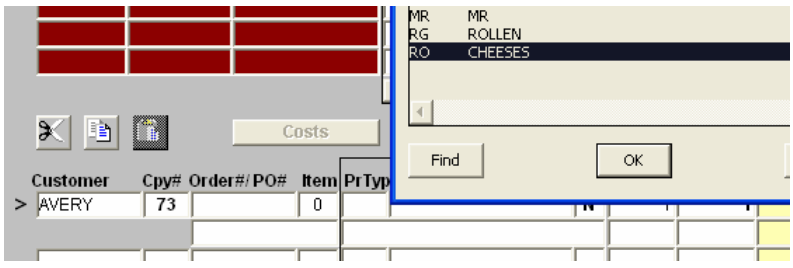
The order item is preset to 0, Pac? = N, we do not want to use the package level and the unit counter [n] and [kg] weight is set to 1 by default. Customer has the focus and the status line indicates the availability of a LOV (list of values).



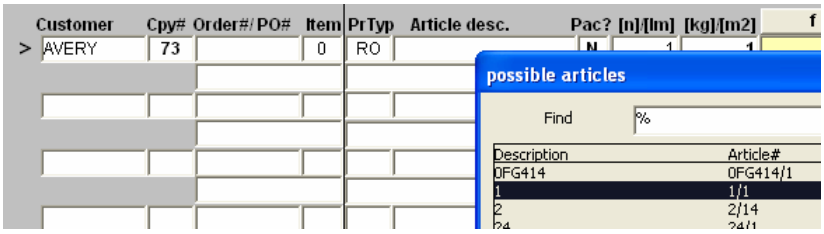
F9 opens the LOV and we select a customer (here the original shipping location). Pressing **OK** takes over the selected customer. In addition 4Warder's company number is set (here Avery Dennison Champ sur Drac, company number = 73). What you can do: Press ⇆ (leave the Customer empty) and enter ***73*** if you know the right company number, customer now is derived from the company, the result is the same.



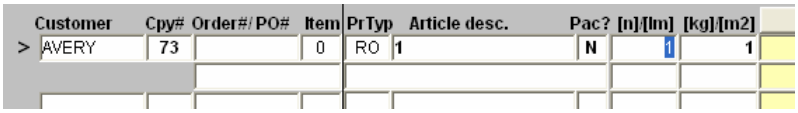
Now, press ⇆ as long as the cursor is able to move to the next field. All fields the cursor leaves empty are optional and do not need to be filled or will be filled automatically using defaults (after **F10** accept). Order# and Item will be filled automatically with a unique system order number if you do not know the Avery Dennison order number, and PO# the Avery Dennison weightlist number can be filled if you know it (PO# is the field below Order# and Item). The next field PrTyp (product type) is mandatory, the cursor stops and is waiting for input. LOV is available (see status line), press **F9** and the list of values shows you the possible product types.



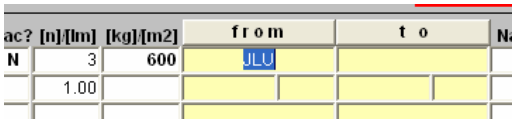
RO (cheeses) and MR (master rolls) are the main product types. Let's select RO (cheeses). Pressing ⇆ guides you to the next mandatory field, the Article description. LOV is available (see status line), press **F9** and the list of values shows you the possible article descriptions.



For Tracking & Tracing and Invoicing purposes, the article description is negligible and you can select an article as you like, you only have to fulfil system requirements (here, article description 1 is selected). The product type is of interest and for distribution we only may use RO (cheeses). Press ⇆ again, as long as the cursor is able to move to the next field. The cursor now stops at [n], the count of units (packages).



Count of units [n], weight [kg] and load metres [lm] (below [n]) are mandatory, square metres [m^2] not.

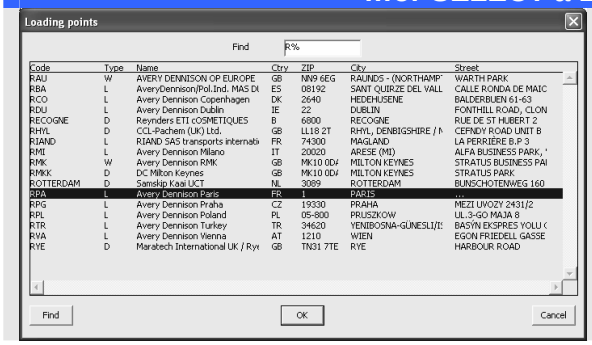


Press ⇆ as long as the cursor is able to move to the next field. The cursor now stops at from, the code for the loading point (here JLU = Athus is set by default). You now have three options in setting the code for the point of loading. You can type it in if you know it, you can use a LOV and select it or you can define a new point of loading during data entry.

TYPE IN a Loading Point

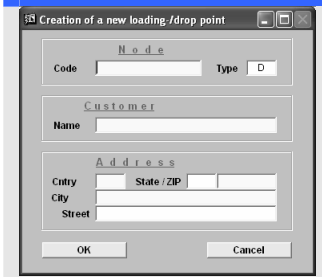
Type in the loading point if you know the code. All shipping locations (mills and DCs) are the 3 character Avery Dennison abbreviations. Others have to be defined, f.i. special x-docking locations.

…or SELECT a Loading Point from LOV



Select the loading point from LOV. You may find the loading point of interest using search patterns P% or R%. P% for PLU, PPR,… and R% for RPG, RMI,… JLU is Athus and others may be defined later. Both options 1 and 2 act on the assumption that the loading point exists. If the loading point doesn't exist, use option 3 and create a new one.

…or CREATE a new Loading Point



Code	Define a code by your own, but it must be unique
[Type]	Optional, W = mill, L = warehouse / dc / x-dock
Name	The Name of the party
Cntry	Country code ISO2
[State]	Optional, usually the state for US countries
ZIP (PostCode)	Post code (without white characters)
City	City
[Street]	Optional, Street

Press ⇄ and the cursor now stops at the planned departure date, you have to fill in (format DD.MM.YY). Use next field for time.

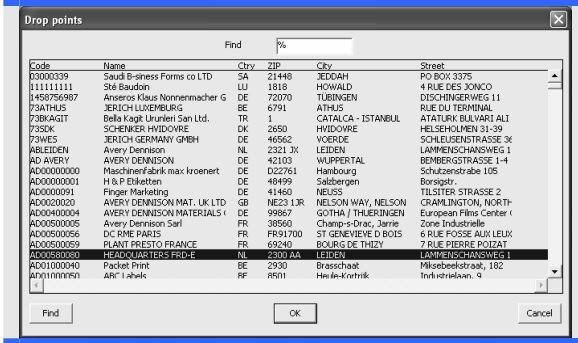
from		to	
PCH			
28.07.07			

Press ⇄ …, next cursor stop is the code for the drop point. You now have three options in setting the code for the drop point. You can type it in if you know it, you can use a LOV and select it or you can define a new drop point (ship to party) during data entry.

TYPE IN a Drop Point

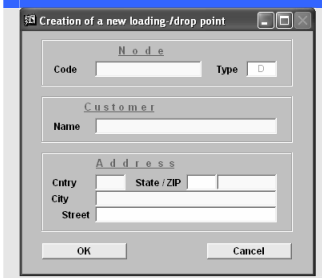
In distribution, you usually do not know the code of a drop point (delivery address), so you select a drop point from LOV or create a new one. Only for internal transports you might know the code (mill, dc, x-docking).

…or SELECT a Drop Point from LOV



Select the drop point from LOV. Both options 1 and 2 act on the assumption that the drop point exists. If the drop point doesn't exist, use option 3 and create a new one.

…or CREATE a new Drop Point



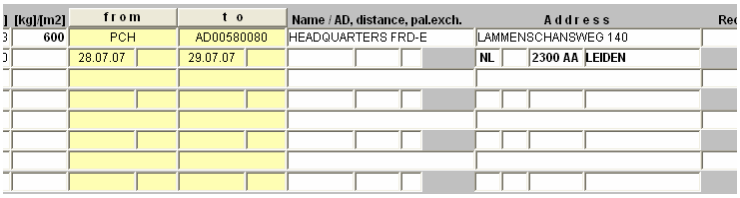
Code	Define a code by your own, but it must be unique
[Type]	Optional, D = destination, W = mill, L = warehouse
Name	The Name of the party
Cntry	Country code ISO2
[State]	Optional, usually the state for US countries
ZIP (PostCode)	Post code (without white characters)
City	City
[Street]	Optional, Street

Press **OK** , name and address from the drop point will be taken to the delivery address of the order.

]	[kg]	[m2]	from	to	Name / AD, distance, pal.exch.	Address	Re
3	600		PCH	AD00580080	HEADQUARTERS FRD-E	LAMMENSCHANSWEG 140	
]			28.07.07			NL 2300 AA LEIDEN	

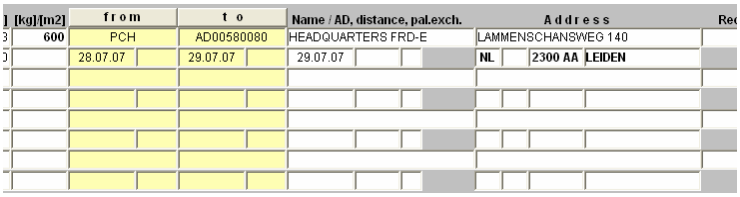
Press ⇄ and the cursor now stops at the planned delivery date, you have to fill in (format DD.MM.YY). Use next field for time. Check field AD below the Name field, it's the requested delivery

date from Avery Dennison and has to be filled in. If you leave it empty, it will be set to the planned delivery date after accept.



] [kg] [m2]	from	to	Name / AD, distance, pal.exch.	Address	Rec
600	PCH	AD00580080	HEADQUARTERS FRD-E	LAMMENSCHANSWEG 140	
	28.07.07	29.07.07		NL 2300 AA LEIDEN	

Press **F10** , the record will be saved now.



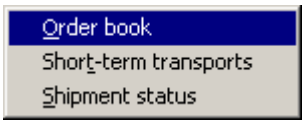
] [kg] [m2]	from	to	Name / AD, distance, pal.exch.	Address	Rec
600	PCH	AD00580080	HEADQUARTERS FRD-E	LAMMENSCHANSWEG 140	
	28.07.07	29.07.07	29.07.07	NL 2300 AA LEIDEN	

You have entered a new order assigned to the current truck and you can continue to enter the next orders. If you want to enter the next order, and this order is just the same as the first order, except the order number, units and weight f.i., you can go to a new line and press **F4** . This will copy all the information from the record above and you only have to modify a few fields.

Order Book

The Order book helps you getting an overview of all your transports and shipments and acts as a control from where you can branch to the planning (Short-term transports) or tracking & tracing / POD screen (Shipment status).

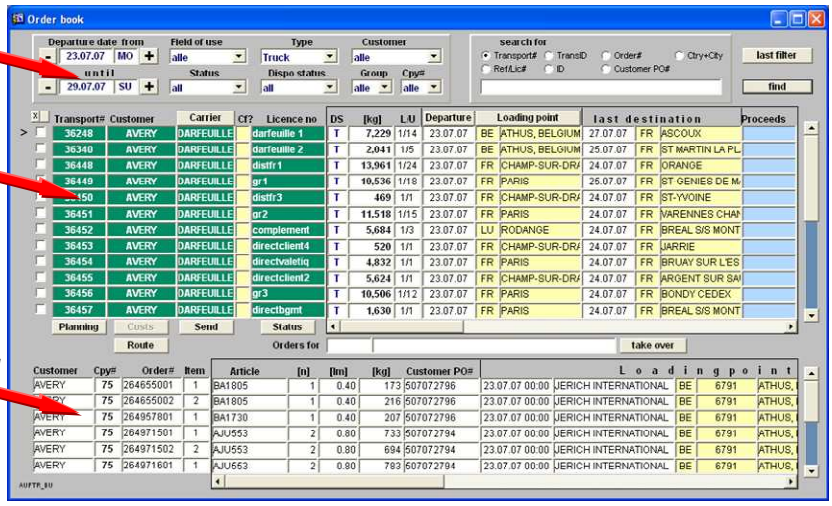
Fig. 12 Carrying / Order Book



***FILTER** definition*

***MOT** block (refers to the DISPO block):*
1 record = 1 truck

***ORDER** block (refers to the actual truck in the MOT block):*
1 record = 1 order

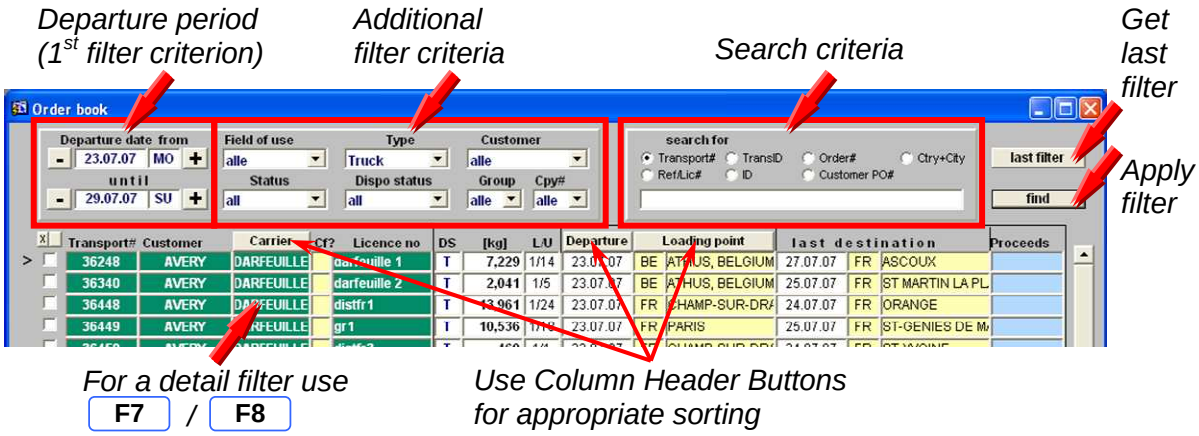

Order book
Departure date from
23.07.07
until
29.07.07
Field of use
Type
Truck
Customer
Status
Dispo status
Group
Cpy#
search for
last filter
find
Transport# Customer Carrier Cf? Licence no DS [kg] LU Departure Loading point last destination Proceeds
36248 AVERY DARFEUILLE darfeuille 1 T 7,229 1/14 23.07.07 BE ATHUS, BELGIUM 27.07.07 FR ASCOUX
36340 AVERY DARFEUILLE darfeuille 2 T 2,041 1/5 23.07.07 BE ATHUS, BELGIUM 25.07.07 FR ST MARTIN LA PL
36448 AVERY DARFEUILLE distfr1 T 13,961 1/24 23.07.07 FR CHAMP-SUR-DRA 24.07.07 FR ORANGE
36449 AVERY DARFEUILLE gr1 T 10,536 1/18 23.07.07 FR PARIS 26.07.07 FR ST GENIES DE M
36450 AVERY DARFEUILLE distfr3 T 469 1/1 23.07.07 FR CHAMP-SUR-DRA 24.07.07 FR ST-YVOINE
36451 AVERY DARFEUILLE gr2 T 11,518 1/15 23.07.07 FR PARIS 24.07.07 FR VARENNES CHA
36452 AVERY DARFEUILLE complement T 5,684 1/3 23.07.07 LU RODANGE 24.07.07 FR BREAL S/S MONT
36453 AVERY DARFEUILLE directclient4 T 520 1/1 23.07.07 FR CHAMP-SUR-DRA 24.07.07 FR JARRIE
36454 AVERY DARFEUILLE directvaletiq T 4,832 1/1 23.07.07 FR PARIS 24.07.07 FR BRUAY SUR L'ES
36455 AVERY DARFEUILLE directclient2 T 5,624 1/1 23.07.07 FR CHAMP-SUR-DRA 24.07.07 FR ARGENT SUR SA
36456 AVERY DARFEUILLE gr3 T 10,506 1/12 23.07.07 FR PARIS 24.07.07 FR BONDY CEDEX
36457 AVERY DARFEUILLE directbgmt T 1,630 1/1 23.07.07 FR PARIS 24.07.07 FR BREAL S/S MONT
Planning
Costs
Send
Status
Route
Orders for
take over
Customer Cpy# Order# Item Article [n] [lm] [kg] Customer PO# Loading point
AVERY 75 264655001 1 BA1805 1 0.40 173 507072796 23.07.07 00:00 JERICH INTERNATIONAL BE 6791 ATHUS,
AVERY 75 264655002 2 BA1805 1 0.40 216 507072796 23.07.07 00:00 JERICH INTERNATIONAL BE 6791 ATHUS,
AVERY 75 264957801 1 BA1730 1 0.40 207 507072796 23.07.07 00:00 JERICH INTERNATIONAL BE 6791 ATHUS,
AVERY 75 264971501 1 AJU553 2 0.80 733 507072794 23.07.07 00:00 JERICH INTERNATIONAL BE 6791 ATHUS,
AVERY 75 264971502 2 AJU553 2 0.80 694 507072794 23.07.07 00:00 JERICH INTERNATIONAL BE 6791 ATHUS,
AVERY 75 264971601 1 AJU553 2 0.80 783 507072794 23.07.07 00:00 JERICH INTERNATIONAL BE 6791 ATHUS,

The Order book window is divided into 2 data blocks following the FILTER definition area (get the transports you want to handle), the MOT (truck) block containing all transports within your filter definition and the ORDER block for all orders within a truck. Around the blocks there are specific function keys for navigating to other windows or executing specific functions.

Filter Definition (Find & Last Filter)

Filtering and searching can be done in various ways. Beside the 1st filter criterion (departure period) you can do additional filtering using planning area, freight status, MOT type, planning status, customer, company group and company number. Detailed filtering can be done using the columns in the MOT block and with button last filter you can apply the last defined filter. You can search for shipments using transport number, trans id, License number, id, order number, PO# which is the Avery Dennison weightlist number and Country/City pattern.

Fig. 13 Carrying / Order Book / Apply Filter



Whenever you change one of the filter or search criteria, you have to press the **find** button. If you want to re-query your last filter use the **last filter** button.

First Filter Criterion (Departure Period)

When you open the Order Book for the first time, the departure period starts today till the end of the current week. By default, you'll see all open transports, decision for selling or using the own car pool is outstanding. You can use the +/- buttons or enter directly a period of your choice. Press **find** to apply the new filter.

Additional Filter Criteria

The **Status** filter is by default set to ***open***, you may change this to ***all***. Status ***open*** means there is no carrier code assigned to the appropriate MOT (truck) and ***all*** will show you all trucks regardless of the status. The ***Dispo status*** can be used to filter for the actual planning status of the trucks, D = in Dispo, F = finished, T = transported or ***all*** for all as set by default. There is no use for all other additional filter criteria. The **Field of use** is the planning area, bur there is only one single planning area assigned to you. **Type** is the MOT type and usually always a LKW (truck). There is no other **Customer** than AVERY, no other company **Group** than AD (Avery Dennison) and no other company numbers (**Cpy#**) than the 4Warder mill or dc numbers for Avery Dennison.

Detail Filter

For most of the columns in the MOT and ORDER block you can use detailed filtering pressing **F7** to enter your query and **F8** to execute your query. Suppose you want to apply a detail filter in the MOT block which should list only those trucks departed from loading point Champ sur Drac f.i. Press **F7**, the block becomes empty, enter ***CHAMP%*** (use a search pattern) in column Loading point and press **F8** to execute the query.

Search Criteria

You can find MOTs (trucks) using a range of search criteria. The **Transport#** is a unique identifier for the truck in 4Warder, the **TransID** is the Avery Dennison truck reference if it exists, **Ref/Lic#** is the license plate number of a truck and **ID** is a system identification in 4Warder. **Order#** the Avery Dennison order number without item number (without the last 3 digits), **Ctry+City** can be used to make a destination search and **Customer PO#** (Avery Dennison Weightlist#) to find a specific weightlist.

Appropriate Sorting

Sorting can be done pressing one of the column hader buttons **Carrier**, **Departure**, **Loading point** or **Type**. Maybe you'll find it useful to sort for **Loading point**, because all trucks departed from one single loading point will be collected together in the MOT block.

Planning & Shipment Status

In the scope of a MOT (truck) you can go to Short-term transports using button **Planning** or shipment status using button **Status**.

Carrier Order Confirmation

Using **Send** you can generate carrier order confirmations for your sub-carriers and send them automatically by Fax or E-Mail. You will be informed about the success of a transfer by E-Mail.

Route, Take Over

The Map & Guide route server © MAP&GUIDE GmbH is connected to 4Warder in calculating distances to check your routing. Pressing ***Route*** will give you a distance positioning of your stops. With ***Take Over*** we can provide you with special functions for your own use. This is for future use.

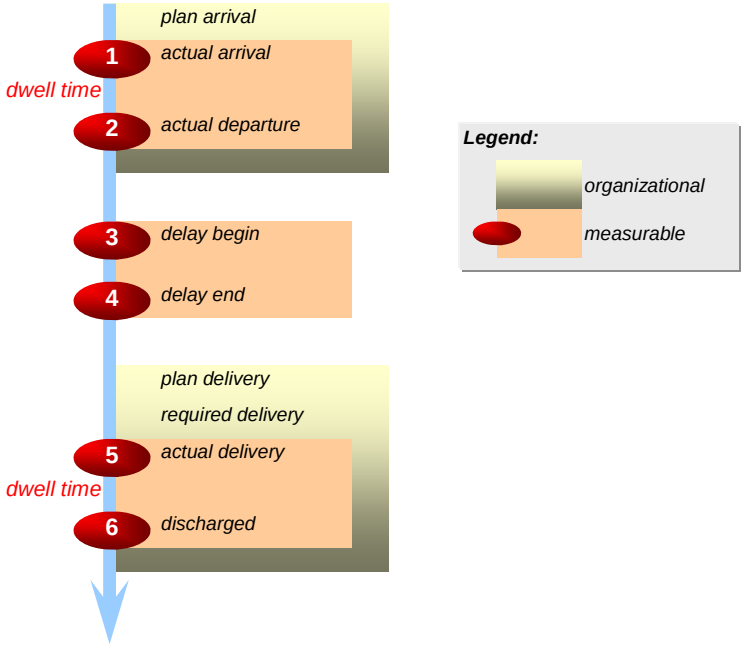
Tracking & Tracing

Tracking & Tracing implies recording of date/time stamps for a predefined set of events using different technologies along a transport section. Based on the events the Avery Dennison POD Reporting is set up using various registration options.

Events

Events can be triggered based on organizational appointments or measured points in time.

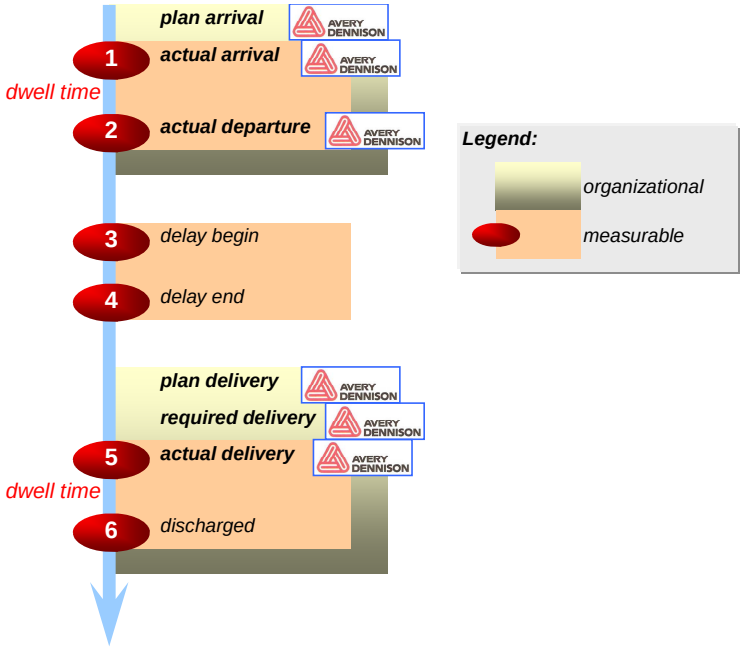
Fig. 14 Organizational and measurable Events



Avery Dennison Events

The Avery Dennison events are a subset from the organizational and measurable events to check the performance of production and logistics chain. In distribution the actual delivery is the most important event to track. The subset consists of 3 events at the loading point and 3 events at the drop point.

Fig. 15 Avery Dennison Events



Plan and Actual Arrival (organizational), Actual Departure (measurable)

Plan arrival is the date/time the truck is ordered for loading and actual arrival is the date/time the truck actually arrives at the loading point. The time span between these events may be an indicator for sub-carrier's performance. Actual departure is the date/time the truck departs from the loading point (goods issue confirmation).

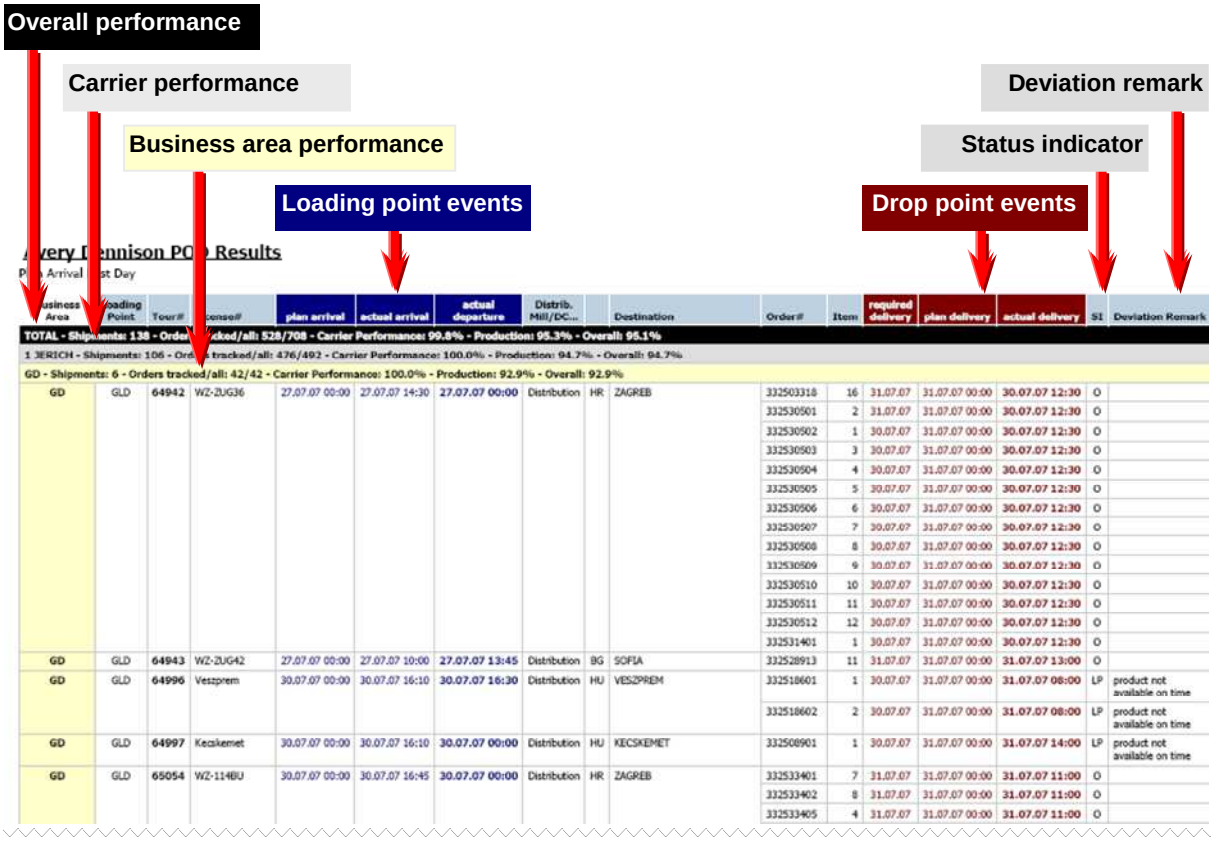
Plan and required Delivery (organizational), Actual Delivery (measurable)

Plan delivery is the date/time the transport planner schedules the shipment with respect to the actual departure. All this planning is done covering the Avery Dennison required delivery date. The actual delivery is the date/time the truck arrives at the drop point.

Avery Dennison POD Reporting

The Avery Dennison POD reporting is based on the recorded date/time stamps regarding the set of required events, regardless where the information comes from (see registration options).

Fig. 16 Avery Dennison POD Report Statistics


Overall performance
Carrier performance
Business area performance
Loading point events
Deviation remark
Status indicator
Drop point events
Avery Dennison POD Results
TOTAL - Shipments: 138 - Orders tracked/all: 528/708 - Carrier Performance: 99.8% - Production: 95.3% - Overall: 95.1%
1 JERICH - Shipments: 106 - Orders tracked/all: 476/492 - Carrier Performance: 100.0% - Production: 94.7% - Overall: 94.7%
GD - Shipments: 6 - Orders tracked/all: 42/42 - Carrier Performance: 100.0% - Production: 92.9% - Overall: 92.9%

Performance statistics are created at the Overall, Carrier and Business level. Your Carrier and subsequent Business area levels are dedicated to your performance. The three loading point events and the three drop point events are highlighted as blue and red column titles. The last two columns indicate the measurement.

Status Indicators

The measurement is called status indicator and some status indicators are qualified to show a deviation remark.

O (on time)

A measurement is **O** (on time), when the actual delivery meets the required delivery date and all other events are present.

V (vis major)

Usually when a measurement is **L** (late), you can change this status to **V** (vis major) in 4WARDER / Carrying / Shipment status using deviation code ***V*** (vis major). Therefore you must enter a deviation remark.

L (late)

A measurement is **L** (late) when the actual delivery date is greater than the required delivery date. You can change this status to **O** (on time) in 4WARDER / Carrying / Shipment status using deviation code ***O*** (on time). Therefore you must enter a deviation remark.

LP (late production)

A measurement indicates a **LP** (late production) when the actual departure date is greater than the required delivery date plus 5 days or greater than the actual delivery date minus lead time. You can set this status explicitly in 4WARDER / Carrying / Shipment status using deviation code ***E*** (production not available on time). Therefore you must enter a deviation remark.

M (missing)

A measurement is **M** (missing), when at least one of the 6 events is missing. You can change this status entering date/time stamps for the missing events.

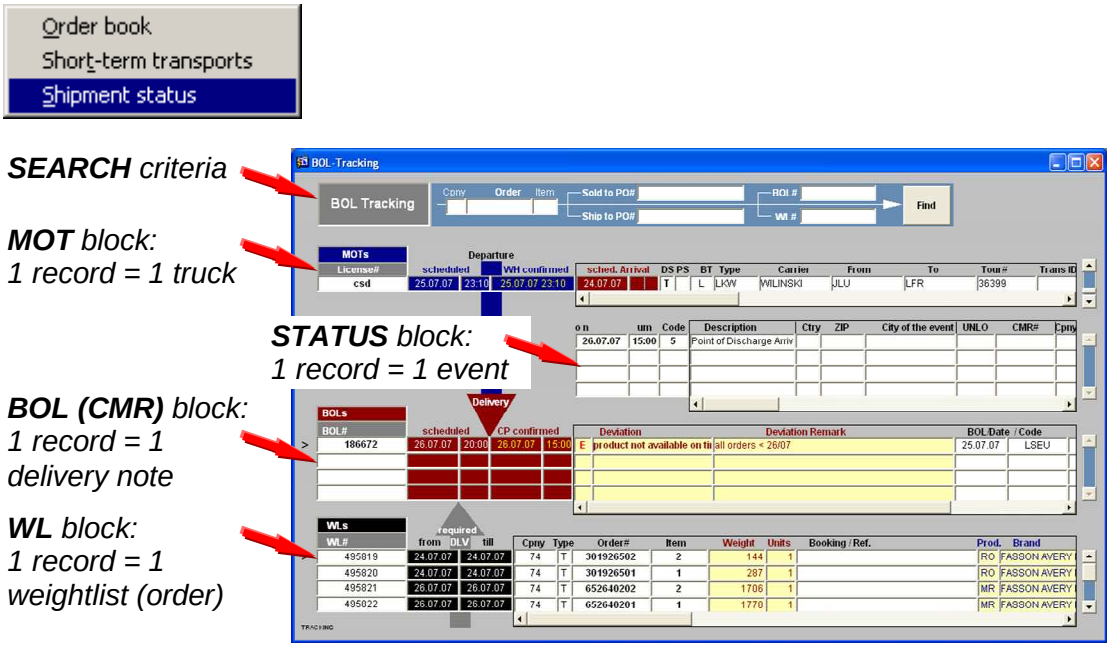
Registration Options

4WARDER, the **Carrier's page** accessible from our homepage www.jerich.com, the drivers may call an **IVR** number (Interactive Voice Response) or you can use **FTP** to send us XML files containing the appropriate date/time stamps, at least the delivery dates.

Shipment Status (4WARDER)

The Shipment status screen basically documents the date/time stamps at the loading and unloading point for one transport (truck) beside all relevant events along the transport section.

Fig. 17 Carrying / Shipment status



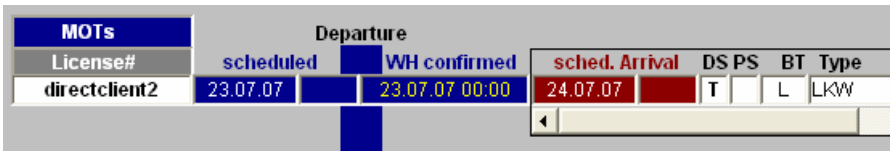
The Shipment status window is divided into 4 data blocks following the SEARCH criteria area (get the transport/truck you want to handle), the MOT (truck) block containing information at the truck level within your search criteria, the BOL (CMR) block for all delivery notes within a truck and the WL block showing the orders organized in weightlists within a specific delivery note BOL (CMR).

Search Criteria

Using one of the Search Criteria pressing **Find** will show you the MOT (mean of transports, usually the truck) matching your definitions. With **Cpny / Order / Item** entering at least an order number you can find a truck containing the defined order. The **Sold to PO#** refers to the buyers purchase order. The **Ship to PO#** refers to the recipient purchase order number and is the Avery Dennison weightlist

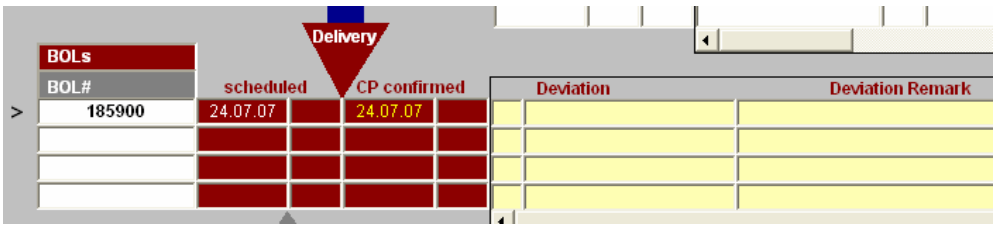
number. The **BOL#** is the delivery note (CMR or BOL = bill of lading) number and the **WL#** is the 4WARDER weightlist number. To search for a truck explicitly based on MOT information, use the standard function keys F7 / F8 in the MOT block.

Truck Level (MOTs)



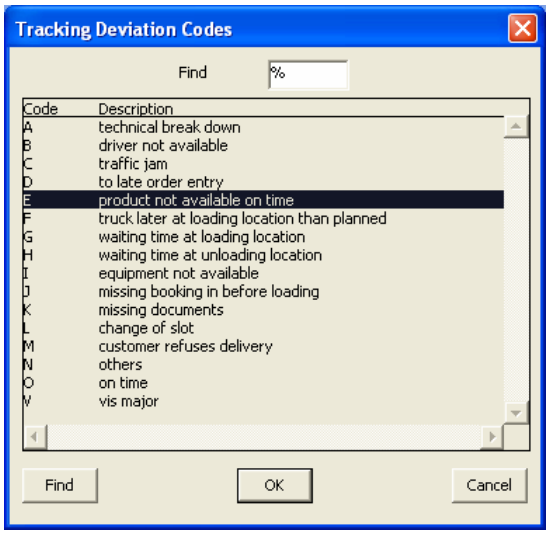
The **scheduled** and **WH confirmed** departure date/time stamps refer to event 2 (actual departure), where the **scheduled** date/time is usually entered by the transport planner (in this scope imported from the Avery EDI weightlist message) and the **WH confirmed** date/time refers to the confirmation date/time stamp when the goods issue out of a warehouse (f.i. Athus) is done). For all other trucks not going out from a 4WARDER supported warehouse, the **WH confirmed** date/time is set to the **scheduled** date/time. The **sched. Arrival** at the right is a calculated minimum arrival date/time for all the orders loaded, just for information.

CMR / BOL Level (BOLs)

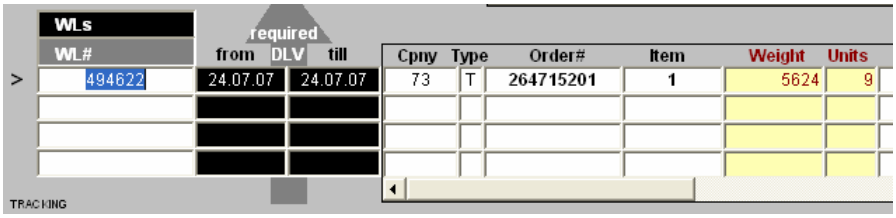


The **scheduled** delivery date/time is set to the required delivery date/time from Avery Dennison EDI weightlist message (PROM_DELIVERY_DATE). This is the reference date for POD statistics within a period. The **CP confirmed** (customer place confirmed) date/time stamp refers to event 5 (actual delivery) and has to be filled in for all your shipments. If you notice that **the CP confirmed** date/time (actual delivery) is younger than the scheduled or required delivery date/time you may add a deviation code and a deviation remark. Move the cursor to the small field left to column Deviation and enter a deviation code using a LOV (list of vaslues) pressing F9 .

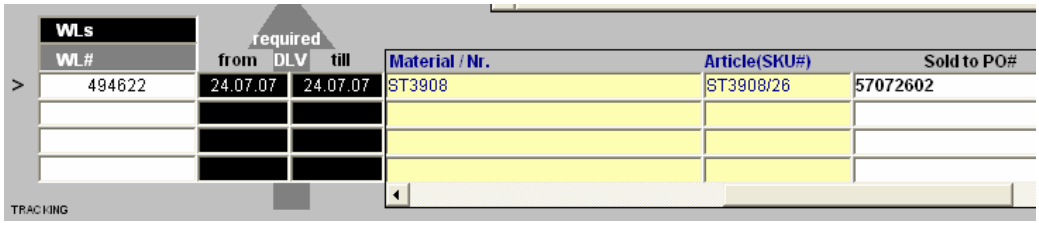
From all the possible listed deviation codes, there are only three which impacts the Avery Dennison POD report, ***V***, ***O*** and ***E***. Usually when a measurement is **L** (late), you can change this status to **V** (vis major) using deviation code ***V*** (vis major). A measurement is **L** (late) when the actual delivery date is greater than the required delivery date. You can change this status to **O** (on time) using deviation code ***O*** (on time). A measurement indicates a **LP** (late production) when the actual departure date is greater than the required delivery date plus 5 days or greater than the actual delivery date minus lead time. You can set this status explicitly using deviation code ***E*** (production not available on time). In all these cases you must enter a deviation remark.



Weightlist Level (WLs)

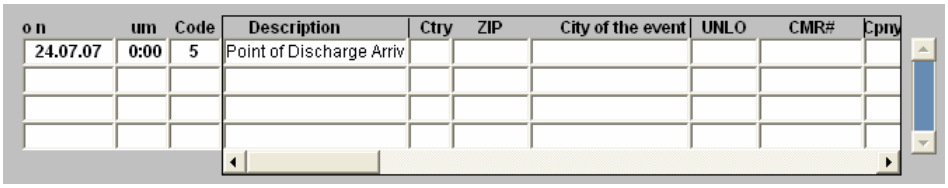


The required **from** and **till** date (period) is a specification from the customer and the reference date for each single measurement in the POD report. The **WL#** is the 4WARDER generated weightlist number,

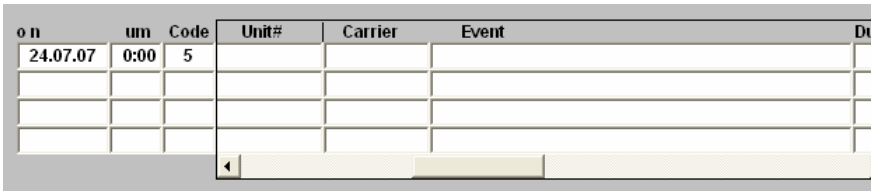


the Avery Dennison weightlist number is stored in the **Sold to PO#** field, a few columns right in the scrollable area. 4WARDER implies the standard definition of a weightlist, which is at least a part of a single order within a MOT (truck). The Avery Dennison weightlist definition covers all orders for a specific customer on a MOT (truck), so you may see one and the same Avery Dennison weightlist number for more than one order in the WL block.

Event History (STATUS block)



The MOT (truck) and BOL (delivery note) based events will be collected in a history of events list together with all other events. So, if you enter a delivery date at the BOL level, a few minutes later you'll see this entry in the history of events.



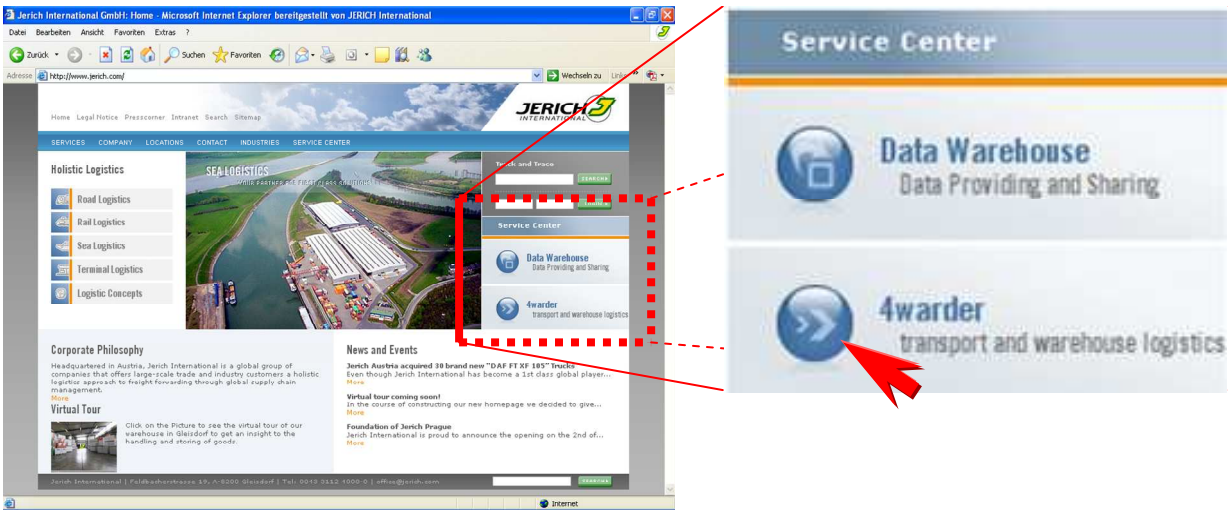
On the other hand there may be a situation where you have to enter more than one time the same delivery date for more than one delivery note. To avoid this, you can enter the delivery date for all delivery notes on the MOT (truck) entering an event in the history of events directly. Type in on a new line (or press **F6** to open a new line) the date/time stamp of the event (24.07.07 0:00), the code for the event (5) and optionally a remark in column Event. Doing so, a few minutes later, you'll see the date/time stamps for all BOLs copied from the history of events list.

Carrier's Page (WEB)

You need a PC and an Internet Browser (usually Microsoft Internet Explorer).

- **ATTENTION**
  If you do not use 4WARDER (carriers with small business) you need an e-mail address where we can provide you with the required transfer order numbers for all your shipments to be tracked. All untracked transfer order numbers will be sent to you periodically. This so called POD Worksheet will be sent to the e-mail address you provide.

Fig. 18 JERICH Homepage, follow the 4warder link…



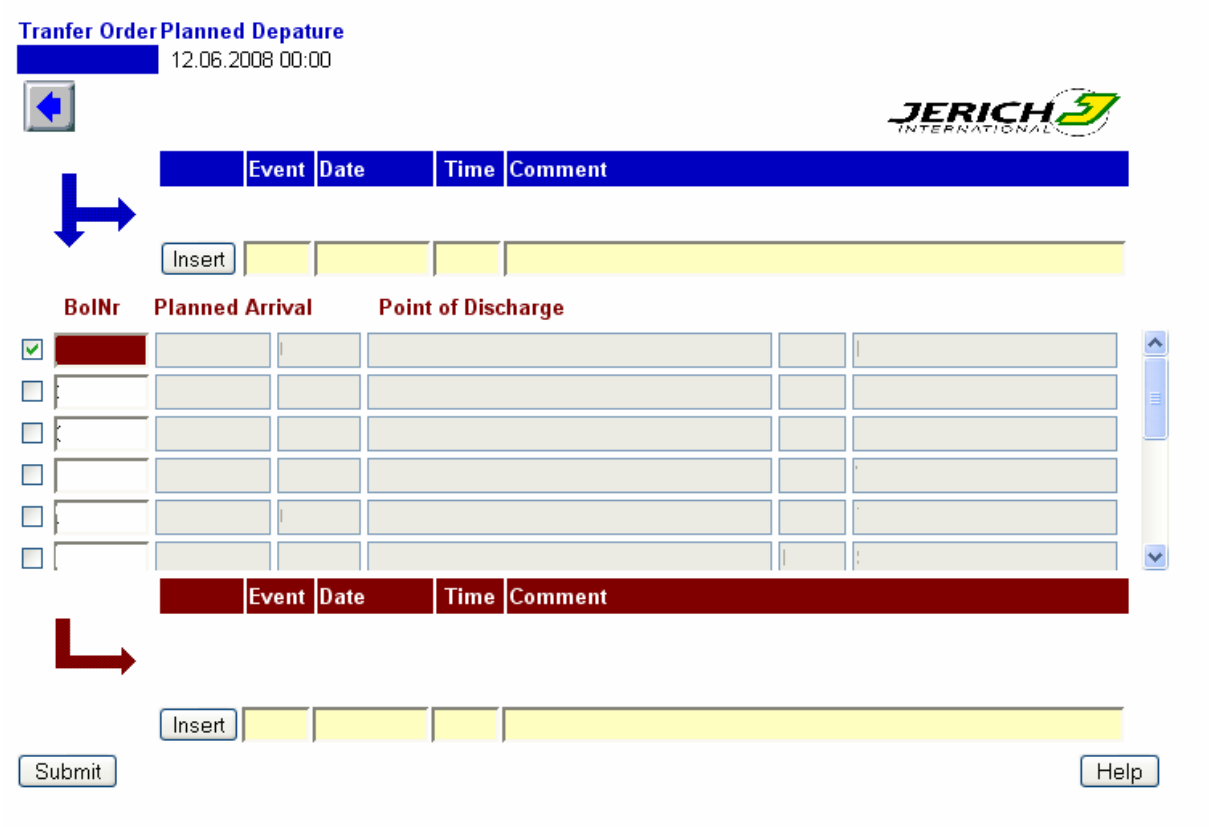
Open the JERICH Homepage www.jerich.com, navigate to Service Center and select **4warder** (transport and warehouse logistics).

On the next page please select:

- ***Carrier's Page***, to enter the POD data.

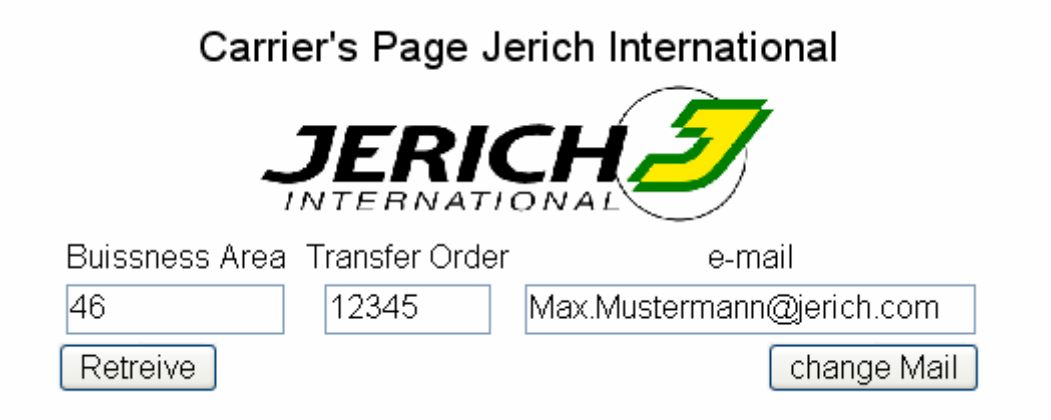
Using the Carrier's Page

Fig. 19 Carrier's Page



The structure of the Carrier's page is very similar to the Shipment status screen.
You can enter events such as delivery date/time at the MOT (truck) level for all orders or at the CMR (delivery note) level distinct for each order. If there is only one single order, it doesn't matter which level you use.

Authorization within the MOT (Truck) Scope



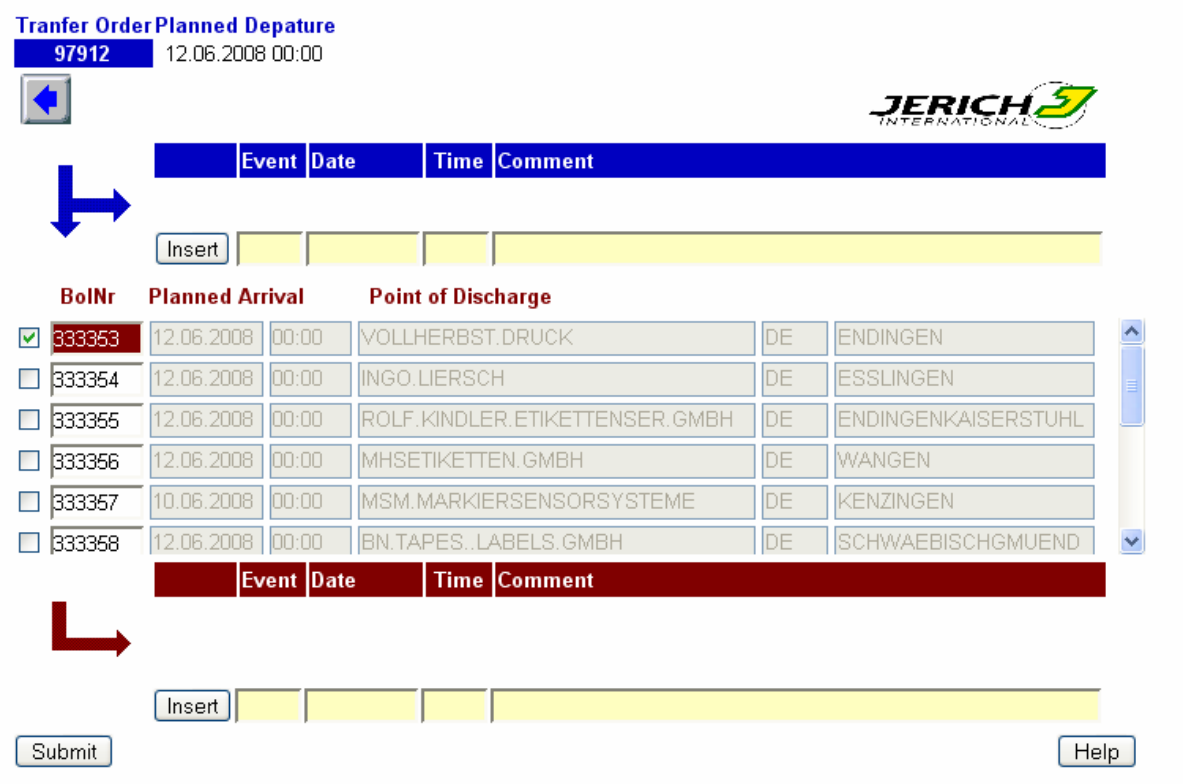
- **ATTENTION**
  To get access to your shipments you have to enter the Business Area code for your business, one actual (not tracked) Transfer Order number (truck) and your e-mail address.

Fig. 20 Carrier POD Worksheet

PL	Departure	BA#	TO#	CMR(Dlv.Note)	WL#	Cpny	Order	Item	Cntry	ZIP	City	[kg]	[n]	Pr.
JLU	31.07.07 16:40	**46**	**36919**	**188114**	-	75	265166004	1	FR	42800	ST.MARTIN.LA.PLAINE	573	1	CH
						75	265166005	2	FR	42800	ST.MARTIN.LA.PLAINE	590	1	CH
						75	265166006	3	FR	42800	ST.MARTIN.LA.PLAINE	164	1	CH
					507080039	75	264931001	1	FR	42800	ST.MARTIN.LA.PLAINE	2,948	8	CH
				188115	27080040	72	265150702	3	FR	42800	ST.MARTIN.LA.PLAINE	239	1	CH
				188116	-	74	265166501	2	FR	42800	ST.MARTIN.LA.PLAINE	247	1	CH
			36921	**188093**	27080041	72	265127101	1	FR	87220	FEYTIAT	354	1	CH
				188094	27080044	72	265087701	1	FR	16100	COGNAC	182	1	CH
				188095	-	74	265138301	1	FR	76320	ST.PIERRE.LES.ELBEUF	348	1	CH
				188096	27080043	72	264666001	1	FR	21121	FONTAINE.LES.DIJON	12	1	CH
						72	264666002	2	FR	21121	FONTAINE.LES.DIJON	12	1	CH
						72	264666003	3	FR	21121	FONTAINE.LES.DIJON	12	1	CH
						72	264763801	1	FR	21121	FONTAINE.LES.DIJON	12	1	CH
						72	264763802	2	FR	21121	FONTAINE.LES.DIJON	12	1	CH
						72	264763803	3	FR	21121	FONTAINE.LES.DIJON	12	1	CH
	31.07.07 18:00	**46**	**36852**	**188097**	507080037	75	264960201	1	FR	86170	CISSE	265	1	CH
				188098	27080038	72	265100602	1	FR	59710	AVELIN	3,294	6	CH
				188099	-	75	265174601	1	FR	59710	AVELIN	193	1	CH
				188100	-	75	428747701	1	FR	57380	FAULQUEMONT	156	1	CH
						75	428747702	2	FR	57380	FAULQUEMONT	176	1	CH

The Carrier POD Worksheet contains the Business Area code BA# at the top of the sheet, here ***46***. In this example the Transfer Order number TO# is ***36919, 36921*** and so on and the CMR (Dlv.Note) number is ***188114, 188115, 188116*** and so on.

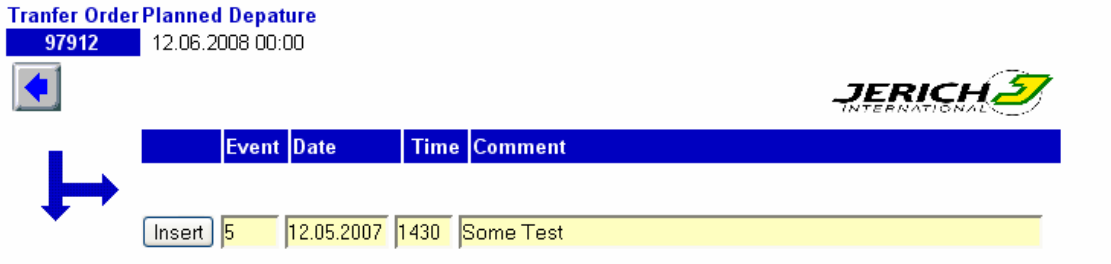
Now you can scroll through all your untracked trucks and your e-mail address is saved for later use. So, if you'll enter the Carrier's page the next time, your untracked trucks will be listed immediately after pressing **retrieve**. If you want to change your e-mail address press **change e-Mail**.



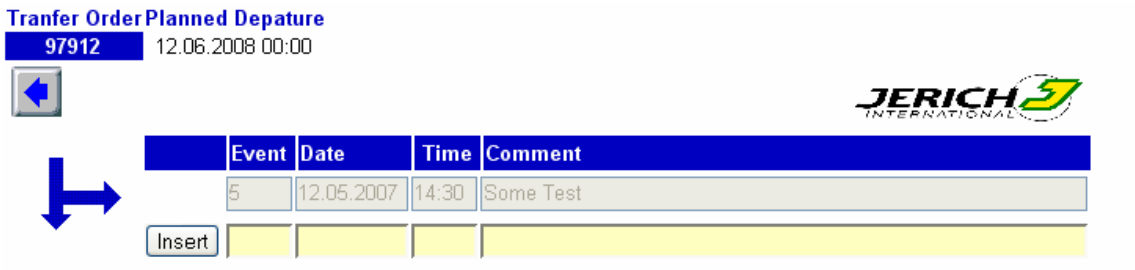
In this example you can see a truck with Transfer Order number ***97912*** dark blue highlighted. This truck contains some delivery notes ***333353, 333354*** and so on. If all would have the same delivery address you could enter the delivery date/time at the MOT (truck) level (dark blue column header). The dark red column header at the bottom of the page represents the CMR (delivery note) level you have to use, if there are different delivery addresses. Press **Insert** to add an Event. When your done inserting all your Events, press **submit** to save your work. After pressing **submit** you'll be redirected to the login page. The next time you try to enter the same Transfer Order number, you will not be allowed to change your data, the truck is closed for POD reporting. To select the appropriate events press **Help** to get help about the available events.

Event	Description	
1	Loading point arrival Ankunft Ladestelle aankomst laadlokatie arrivée au lieu de chargement luogo del carico merci llegada al lugar de carga	
2	Loading point depature Abfahrt Ladestelle vertrek laadlokatie départ du lieu de chargement partenza dal luogo dove salida del lugar de carga	
3	Delay begin Verögerung Beginn vertraging aanvang début de l´attente l'inizio di un eventuale ritardo comienzo de la espera	
4	Delay end Verzögerung Ende vertraging einde fin de l´attente fine di un eventuale ritardo final de la espera	
5	Customer arrival Ankunft Kunde aankomst bij klant l´arriveé au lieu de déchargement l'arrivo dal cliente llegada al lugar de descarga	
6	Customer depature Abfahrt Kunde vertrek bij klant départ du lieu de déchargement salida del lugar de descarga llegada al lugar de carga	

MOT (Truck) based Events



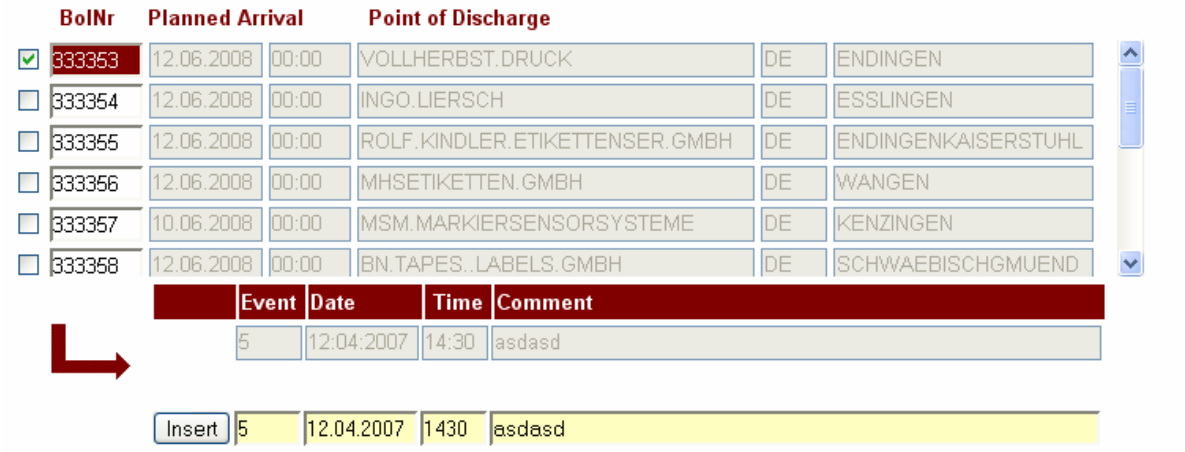
Move the cursor to a new line in the dark blue headed block column **Event**.



Enter the date/time stamp and a comment if you like. Press **Insert** to add this Event, use the scroll bar at the MOT (truck) level to get the next Transfer Order to track and so on. When your done inserting all your Events, press **submit** to save your work. After pressing **submit** you'll be redirected to the login page.

Order based Events

Select a specific CMR (delivery note, here ***333353***) and move the cursor to a new line in the dark red headed block column **Event**.



Enter the date/time stamp and a comment if you like. Select the next CMR (delivery note) and enter your events till all delivery notes are tracked. Press **Insert** to add this Event, use the scroll bar at the MOT (truck) level to get the next Transfer Order to track and so on. When your done inserting all your Events, press **submit** to save your work. After pressing **submit** you'll be redirected to the login page.

Interactive Voice Response (IVR)

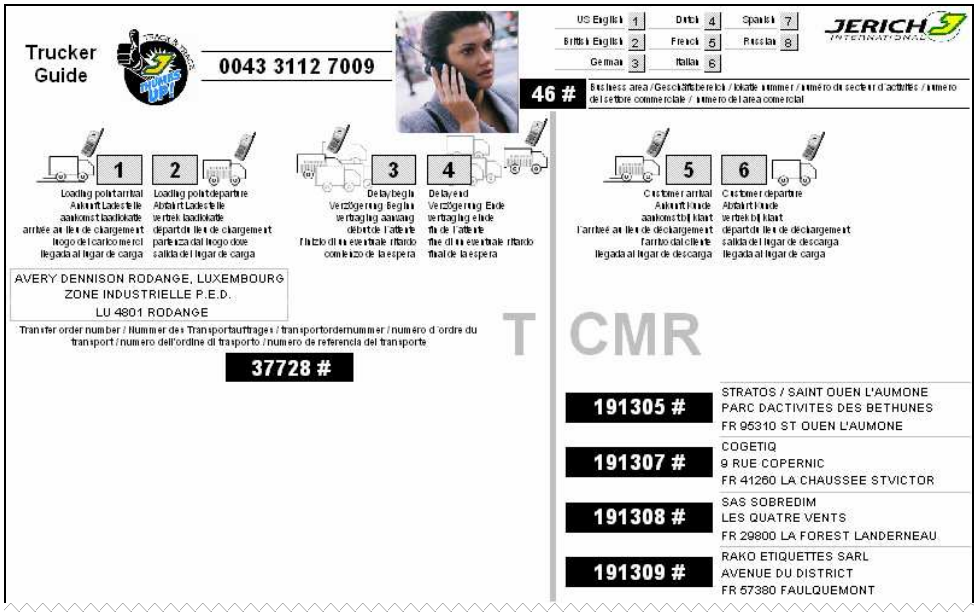
Recording events based on phone calls can only be done if you are working with 4WARDER doing the goods issue, so you can handover a description (trucker guide) with the appropriate information to the

truck driver. Now the truck driver is able to do a call (he will be guided from a synthetic speech) at the customers place when he arrived there (for event actual delivery).

Interactive voice response is supported by a TERAVOICE server using TTS (text to speech) and 8 NUANCE synthetic voices in different languages.

Prerequisites

Fig. 21 Trucker Guide (more than one delivery note)



The Trucker Guide contains a phone number (here +43 3112 7009), a code for a language he want to be prompted, the business area, a transfer order number **T** and delivery note numbers **CMR**.

The Dial Schema

	English [US = 1 | British = 2]	German = 3	French = 5
Speech	**Welcome to Jerich,**		
	for US English press 1, for British English press 2,	**für Deutsch drücken Sie die 3,**	**Pour le francais tapez 5,**
BusinessArea	**Please enter the business area number and press the # [pound sign | hash key]**	**Bitte geben Sie die Nummer des Geschäftsbereichs ein und drücken Sie die # (Raute) Taste**	**Veuillez composer le numéro du secteur d´activités et ensuite tapez # (dièse)**
Event			

	Please select the event. For loading point arrival press 1, for loading point departure press 2, for delay begin press 3, for delay end press 4, for customer arrival press 5 and for customer departure press 6	**Bitte geben Sie das Ereignis ein. Für Ankunft Ladestelle drücken Sie die 1, für Abfahrt Ladestelle die 2, für Verzögerung Beginn die 3, für Verzögerung Ende die 4, für Ankunft Kunde die 5 und für Abfahrt Kunde die 6**	**Veuillez choisir entre les options suivantes. Pour l´arrivée au lieu de chargement tapez 1 , Pour le départ du lieu de chargement tapez 2 , Pour le début de l´attente tapez 3 , Pour la fin de l´attente tapez 4 , Pour l´arriveé au lieu de déchargement tapez 5 , Pour le départ du lieu de déchargement tapez 6.**
TransferOrder *(for Events 1 to 4)*	**Please enter the transfer order number and press the # [pound sign | hash key] when finished**	**Bitte geben Sie die Nummer des Transportauftrags ein und beenden Sie durch Drücken der # (Raute) Taste**	**Veuillez taper le numéro d´ordre du transport puis tapez # (Dièse)**
DeliveryNote *(for Events 5 and 6)*	**Please enter the CMR number and press the # [pound sign | hash key] when finished**	**Bitte geben Sie die CMR Nummer ein und beenden Sie durch Drücken der # (Raute) Taste**	**Veuillez composer le numéro de cmr et ensuite tapez # (dièse)**
NextEvent?	**Would you like to enter another event ? If yes press 1, otherwise 2**	**Wollen Sie ein weiteres Ereignis melden ? Wenn ja, drücken Sie die 1, wenn nein, drücken Sie die 2**	**Voulez-vous entrer un autre élément? Si oui tapez 1 sinon tapez 2**
End	**Thank you for your call, good bye**	**Danke für Ihren Anruf und Auf Wiederhören**	**Merci de votre appel et à bientôt**

Filetransfer (FTP/SCP)

Another method to provide us with POD data is FTP. We accept papiNet Shipment Status V2.31 standards in communicating XML files.

papiNet Shipment Status V2.31

(see www.papinet.org)

Avery Dennison Standard Description

Description of all fields that are required to correctly match and process the data.

	Content	Description
Envelope PayloadInfo		
SenderID		A unique identifier for the sender party, can be of any type. Non-papiNet compliant types have to be agreed upon with Jerich
ReceiverID	28728	This is the IANA PEN of Jerich. For IANA assigned numbers the PartyIdentifierType has to be "papiNetGlobalPartyIdentifier"

Payload		
BusinessDocument		
ShipmentStatus		
ShipmentStatusHeader		
SenderParty		A unique identifier for the sender party, can be the same or different from the SenderID
ReceiverParty	28728	This is the IANA PEN of Jerich. For IANA assigned numbers the PartyIdentifierType has to be "papiNetGlobalPartyIdentifier"
ShipmentStatusShipment		
ShipmentStatusReference		
MasterBillOfLading	46	This is a constant
ShipmentStatusReference		
BillOfLadingNumber		This is the weightlist number provided by Avery Dennison
ShipmentStatusReference		
ReferenceNumber		This is the TransID which identifies the truck
ShipmentEventInformation		
ShipmentEventIdentifier	ARI	This is constant
ShipmentStatusIdentifier	ARI	This is a constant

Sample of Shipment Status (XML)

```
<?xml version="1.0" encoding="windows-1252" ?>
  <Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:noNamespaceSchemaLocation="papiNetEnvelope.xsd">
  <PayloadInfo TestFlag="1">
  <ID>248878</ID>
  <TimeStamp>2007-07-17T18:00:06</TimeStamp>
  <SenderID>
  <PartyIdentifier PartyIdentifierType="papiNetGlobalPartyIdentifier">?</PartyIdentifier>
  </SenderID>
  <ReceiverID>
  <PartyIdentifier
PartyIdentifierType="papiNetGlobalPartyIdentifier">28728</PartyIdentifier>
  </ReceiverID>
  <Document DocumentName="ShipmentStatus">
  <DocumentNumber>248878</DocumentNumber>
  <DocumentDate>
  <Date>
  <Year>2007</Year>
  <Month>07</Month>
  <Day>17</Day>
  </Date>
  <Time>18:00:06</Time>
  </DocumentDate>
  </Document>
  <Schema Version="V2R31" BuildNumber="V2R31_20061023" />
  </PayloadInfo>
  <Payload>
  <BusinessDocument>
  <ShipmentStatus xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:noNamespaceSchemaLocation="ShipmentStatusV2R31.xsd">
  <ShipmentStatusHeader>
  <ShipmentStatusNumber>248878</ShipmentStatusNumber>
  <ShipmentStatusIssueDate>
  <Date>
```

```
  <Year>2007</Year>
  <Month>07</Month>
  <Day>17</Day>
  </Date>
  <Time>18:00:06</Time>
  </ShipmentStatusIssueDate>
  <SenderParty PartyType="Forwarder">
  <PartyIdentifier PartyIdentifierType="AssignedByBuyer">Darfeuille</PartyIdentifier>
  <NameAddress>
  <Name1>Darfeuille</Name1>
  </NameAddress>
  </SenderParty>
  <ReceiverParty PartyType="Forwarder">
  <PartyIdentifier
PartyIdentifierType="papiNetGlobalPartyIdentifier">28728</PartyIdentifier>
  <NameAddress>
  <Name1>Jerich</Name1>
  </NameAddress>
  </ReceiverParty>
  </ShipmentStatusHeader>
  <ShipmentStatusShipment>
  <ShipmentStatusReference ShipmentStatusReferenceType="MasterBillOfLading"
AssignedBy="Forwarder">46</ShipmentStatusReference>
  <ShipmentStatusReference ShipmentStatusReferenceType="BillOfLadingNumber"
AssignedBy="Forwarder">268020</ShipmentStatusReference>
  <ShipmentStatusReference ShipmentStatusReferenceType="ReferenceNumber"
AssignedBy="Forwarder">4711</ShipmentStatusReference>
  <ShipmentEventInformation>
  <ShipmentEventIdentifier ShipmentEventType="Unloading"
AssignedBy="Forwarder">ARI</ShipmentEventIdentifier>
  <ShipmentEventDate>
  <Date>
  <Year>2007</Year>
  <Month>07</Month>
  <Day>17</Day>
  </Date>
  <Time>14:50:00</Time>
  </ShipmentEventDate>
  <ShipmentStatusIdentifier ShipmentStatusType="OnTime"
AssignedBy="Forwarder">ARI</ShipmentStatusIdentifier>
  </ShipmentEventInformation>
  </ShipmentStatusShipment>
  </ShipmentStatus>
  </BusinessDocument>
  </Payload>
  </Envelope>
```

Appendix: Oracle FORMS Standardtransactions

If you are working for the first time with Oracle FORMS, you'll find here a short description in using the standard transactions **New record** and **Delete record**. Further functions like **Query**, **List of values**, **Edit** and **Exit** assists you in applying the standard transactions. The main window in 4WARDER contains a series of icon buttons below the main menu bar, the most important are listed below, which are also accessible using functions keys.

New record			F6
Delete record			⇧ + F6
Accept			F10
Query		1st Click: Enter Query, 2nd Click: Execute Query	F7 Enter Query, F8 Execute Query
List of values			F9
Edit			Strg + E
Exit			Strg + O

New record

Fig. 22 Records will be inserted in data blocks (tables)

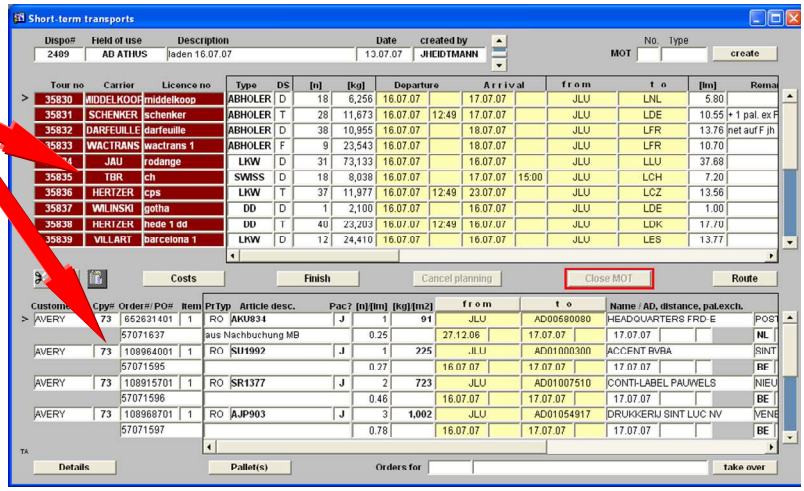
1) Cursur in block (master or detail)…

2) **Insert Record /** F6

(or place the cursor at the end of the block in a new line)

3) Enter data…

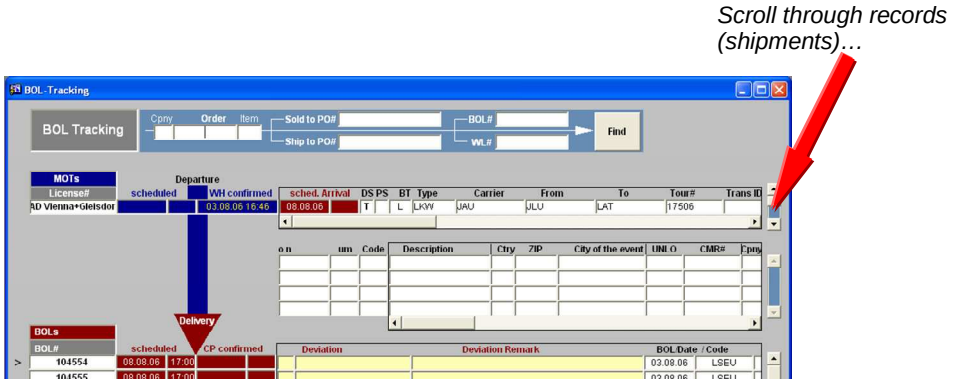
4) **Accept /** F10



Each Oracle FORM consists of at least one block (table), in the example above there are 2 blocks (a master and a detail block). A new record can only be inserted in the block where the cursor actually is placed (the block who has the focus). Pressing F6 a new line will be opened below the actual cursor and data can be entered. Then the transaction will be finished (committed) using F10 .

Data blocks may consist of one single record (a table where only one record is visible) where you can scroll through the records using scroll bars. In principle the same as using a table block.

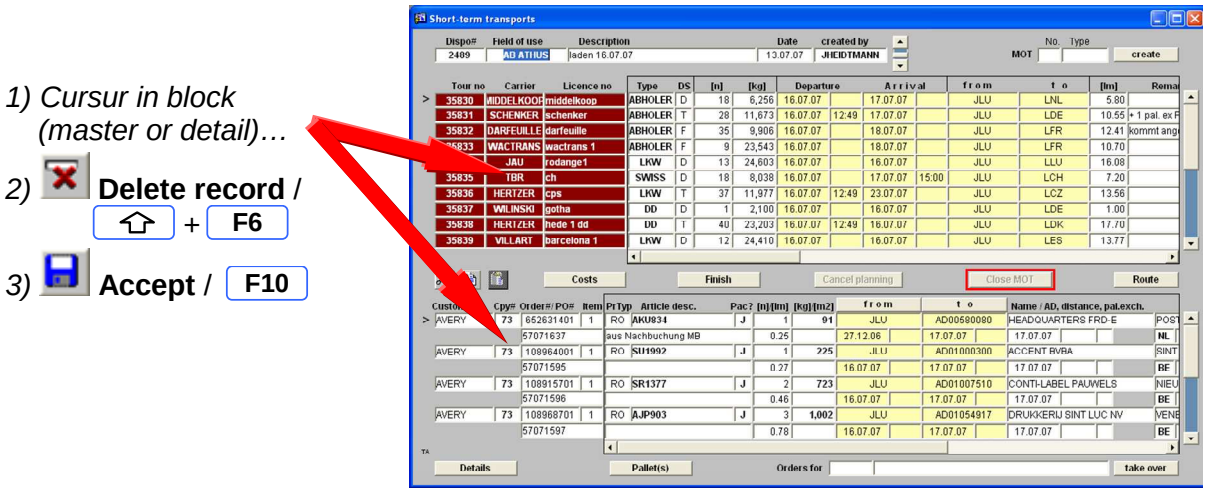
Fig. 23 These blocks are usually master blocks, f.i. Carrying / Shipment Status



Records can only be inserted in data blocks, which were predefined in using standard transactions. F.i. if a block is not allowed to insert records, only to be queried, you cannot insert records in this data block. The status line indicates this fact.

Delete record

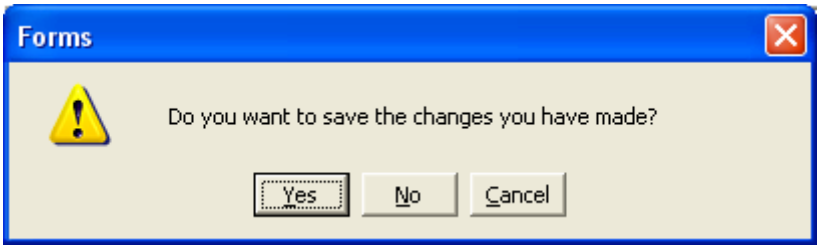
Fig. 24 Records can be deleted within blocks (tables)



Each Oracle FORM consists of at least one block (table), in the example above there are 2 blocks (a master and a detail block). You only can delete a record within a specific block, referring to the current location of the Cursor. Pressing ⇧ + **F6** the current record will be deleted. Then the transaction will be finished (committed) using **F10** .

Records can only be deleted from data blocks, which were predefined in using standard transactions. F.i. if the 1st block (master) is not allowed to delete records because all dependent records from the 2nd block (detail) must be deleted first, a message indicates this fact using either a dialog or the status line.

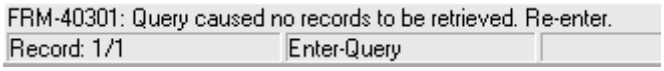
If you delete a record by mistake and havn't yet confirmed using **F10** , you may close the window (**Beenden** / **Strg** + **O**) whereon you will be prompted:



Press **No** and after reopening the form, the record will become visible again, because you didn't confirm the delete transaction.

Query

You can make queries (define a filter) within any data block (usually a table of records) using two function keys. **F7** **Enter Query** clears the block for entering a query definition (enter known values use wildcards for strings or operators fur numbers and dates), **F8** **Execute Query** lists the results of your query. Analogous you may use the icon button **Query**, which acts as a toggle switch, the 1st click performs **F7**, the 2nd click **F8**. If there is no result, the are no records matching your criteria, the status line shows



The form remains in **Enter Query** mode and you may change your query definition.

Fig. 25 Search for records in a data block (table)

1) Cursur in block Tour no, Carrier,…

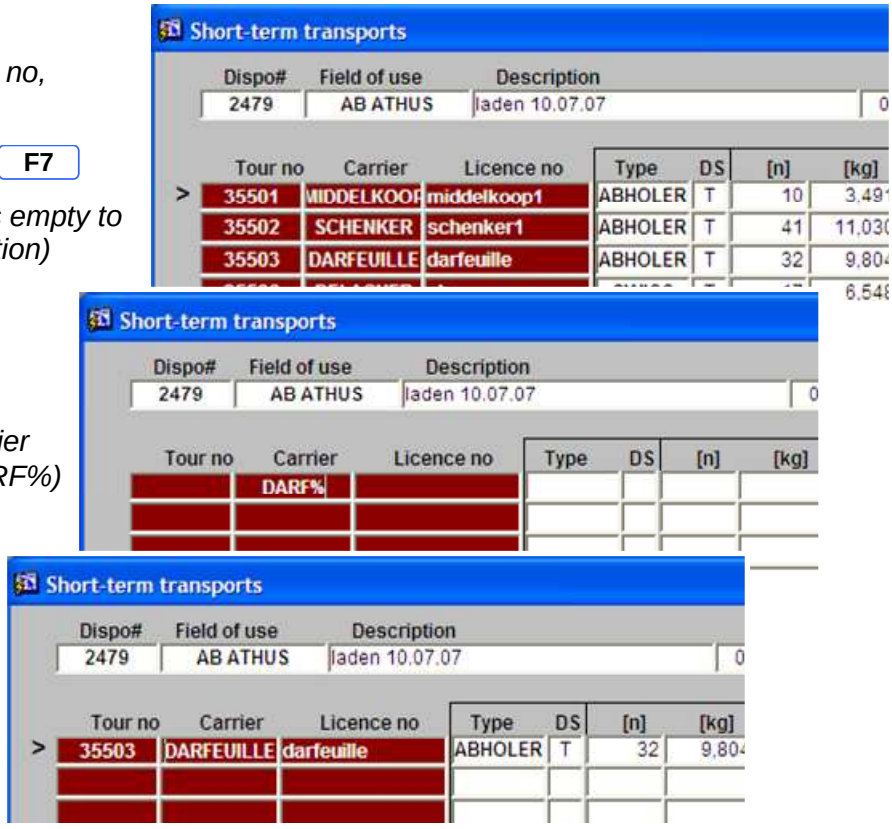
2) **Enter Query** / **F7**

(the block becomes empty to define a filter definition)

3) Define criteria…

(f.i. search for transports with carrier code matching DARF%)

4) **Execute Query** / **F8**

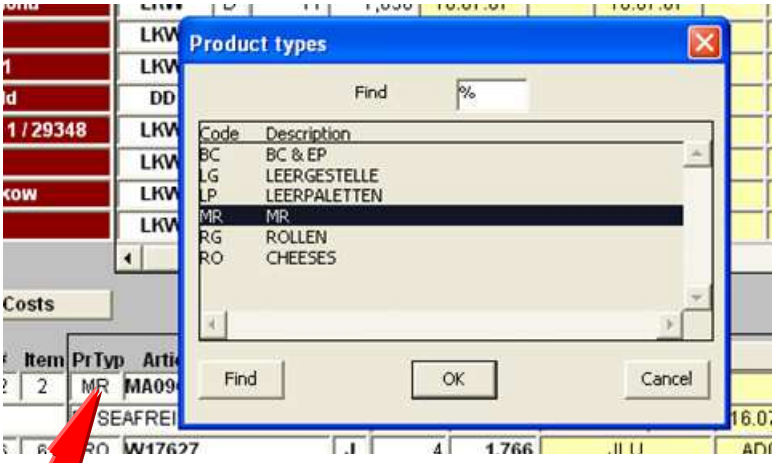

Short-term transports
Dispo# Field of use Description
2479 AB ATHUS laden 10.07.07
Tour no Carrier Licence no Type DS [n] [kg]
35501 MIDDELKOOP middelkoop1 ABHOLER T 10 3,49
35502 SCHENKER schenker1 ABHOLER T 41 11,03
35503 DARFEUILLE darfeuille ABHOLER T 32 9,80
6,54
Short-term transports
Dispo# Field of use Description
2479 AB ATHUS laden 10.07.07
Tour no Carrier Licence no Type DS [n] [kg]
DARF%
Short-term transports
Dispo# Field of use Description
2479 AB ATHUS laden 10.07.07
Tour no Carrier Licence no Type DS [n] [kg]
35503 DARFEUILLE darfeuille ABHOLER T 32 9,80

List of values

When entering fields for new records or modifying fields within existing records you'll be supported by a LOV (list of values) where you can select predefined values. This option is available for fields of type master data. A LOV also makes a plausibility check when the focus is lost, moving to another field or using a button.

Call a LOV using **List of values** / F9 . If there is no LOV available, the status line contains the following message

Fig. 26 Find values in a LOV



1) Cursur in field…

2) **List of values** / F9

You can use a filter to find a specific value from a list of many values. Use wildcard symbols **%** (any various characters) und **_** (one single character) to define search criteria and press **Find** to apply the filter.

Edit

Use **Edit** to view the contents of a field if the length of the field is smaller than the length of the contents.

Fig. 27 View the whole contents of a field

1) Cursur in field…

2) **Edit /** Strg + E

Exit

With **Exit /** Strg + O you can break an action, a specific mode or close a window. F.i. a form in "Enter Query" mode is waiting for a condition definition and a following "Execute Query". If you now want to break the "Enter query" mode to do some other actions, you can break this mode using **Exit**.